

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122018\
 Data File : VX006706.D
 Acq On : 21 Dec 2018 05:35
 Operator : JC/MD
 Sample : J6517-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 21 07:50:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	676711	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1042821	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	947865	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	459134	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	352605	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
35) Dibromofluoromethane	5.51	113	310440	47.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.14%	
50) Toluene-d8	8.71	98	1238410	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	
62) 4-Bromofluorobenzene	11.14	95	446350	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	

Target Compounds

					Qvalue	
3) Chloromethane	1.33	50	3121	0.468	ug/l #	73
5) Bromomethane	1.66	94	810	Below Cal		87
6) Chloroethane	1.97	64	1710	0.355	ug/l #	42
11) Tert butyl alcohol	3.03	59	5123	3.147	ug/l #	72
13) Acrolein	2.32	56	503	0.458	ug/l #	62
14) Allyl chloride	2.84	41	13881	1.364	ug/l #	64
15) Acrylonitrile	3.17	53	2993	0.828	ug/l #	36
16) Acetone	2.45	43	17187	5.129	ug/l	93
18) Methyl Acetate	2.84	43	31379	3.185	ug/l #	56
19) Methyl tert-butyl Ether	3.20	73	10591	0.528	ug/l #	1
20) Methylene Chloride	2.86	84	2355	0.340	ug/l #	83
25) 2-Butanone	4.70	43	2374	0.504	ug/l	90
28) Bromochloromethane	5.04	49	144	Below Cal	#	3
31) Cyclohexane	5.57	56	38769	3.840	ug/l	95
36) 1,1-Dichloropropene	5.66	75	43991	5.093	ug/l #	48
38) Carbon Tetrachloride	5.67	117	61044	7.273	ug/l #	14
39) Methylcyclohexane	7.46	83	95606	8.408	ug/l	92
40) Benzene	6.15	78	8837	0.337	ug/l #	90
41) Methacrylonitrile	5.06	41	965	0.202	ug/l #	47
43) Isopropyl Acetate	6.45	43	3300	0.241	ug/l #	63
44) Trichloroethene	7.22	130	3113	0.392	ug/l	82
48) Methyl methacrylate	7.73	41	9505	1.367	ug/l #	59
49) 1,4-Dioxane	7.77	88	23	Below Cal	#	1
51) 4-Methyl-2-Pentanone	8.66	43	3345	0.384	ug/l #	84
52) Toluene	8.79	92	6201	0.366	ug/l	88
55) 1,1,2-Trichloroethane	9.16	97	13853	1.995	ug/l #	18
56) Ethyl methacrylate	9.16	69	3060	0.312	ug/l #	1
60) Dibromochloromethane	9.58	129	41	2.330	ug/l	75
67) Ethyl Benzene	10.25	91	9398	0.287	ug/l	100
68) m/p-Xylenes	10.36	106	6517	0.504	ug/l	99
69) o-Xylene	10.70	106	3962	0.310	ug/l	97
71) Bromoform	10.77	173	104	4.477	ug/l #	28
73) Isopropylbenzene	11.02	105	581305	18.507	ug/l	99
74) N-amyl acetate	10.92	43	8300	0.738	ug/l #	1

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

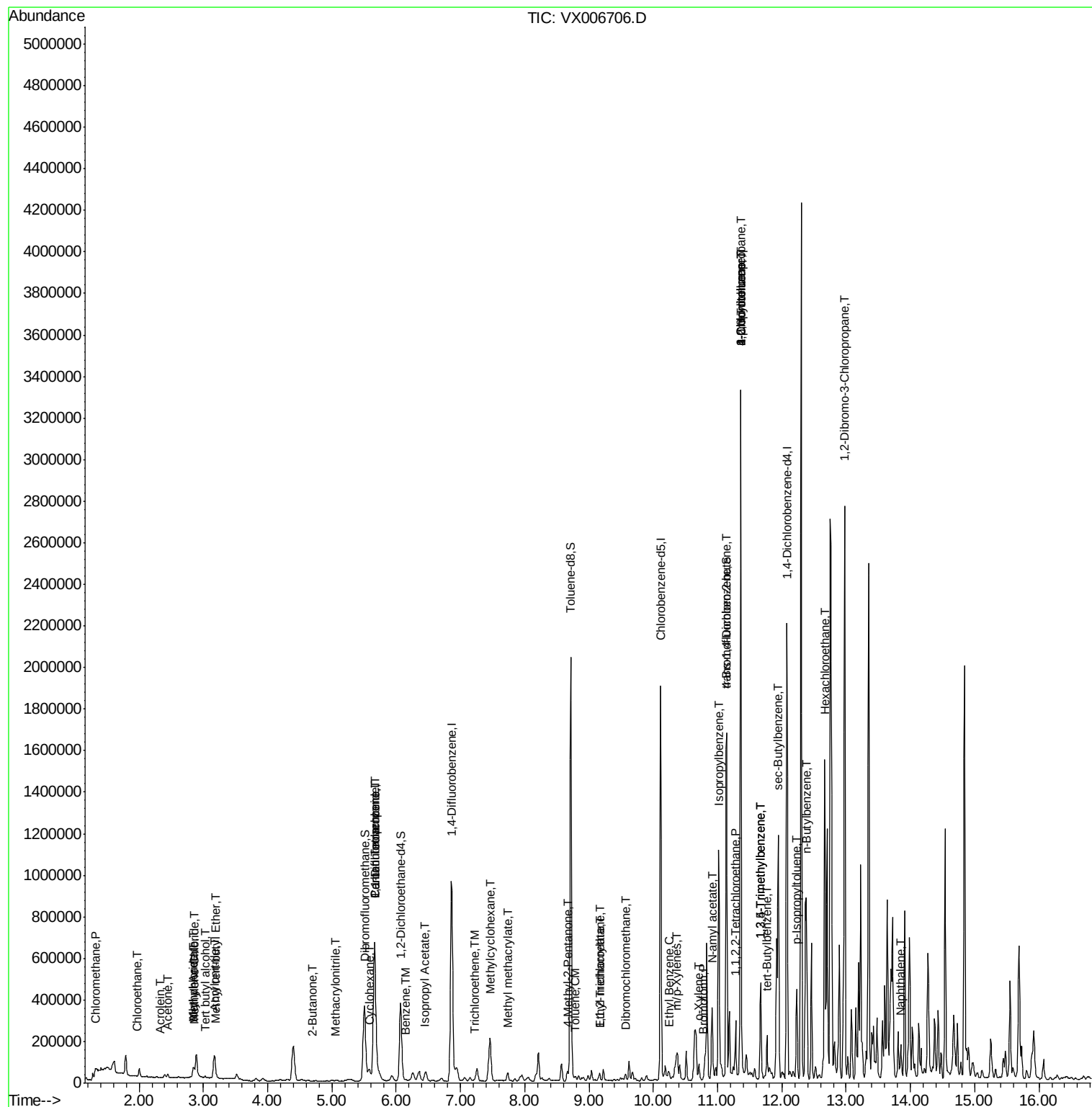
75) 1,1,2,2-Tetrachloroethane	11.28	83	10159	1.088	ug/l #	37
76) 1,2,3-Trichloropropane	11.36	75	10864	1.273	ug/l #	1
78) n-propylbenzene	11.36	91	1984349	57.369	ug/l	98
79) 2-Chlorotoluene	11.36	91	1984349	94.667	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.67	105	102491	3.962	ug/l	75
81) trans-1,4-Dichloro-2-buten	11.13	75	206353	71.601	ug/l #	10
82) 4-Chlorotoluene	11.36	91	1984349	82.530	ug/l #	42
83) tert-Butylbenzene	11.77	119	76429	2.952	ug/l	88
84) 1,2,4-Trimethylbenzene	11.67	105	102491	3.766	ug/l	80
85) sec-Butylbenzene	11.94	105	627005	19.750	ug/l	97
86) p-Isopropyltoluene	12.23	119	196136	7.028	ug/l	98
89) n-Butylbenzene	12.39	91	409629	17.248	ug/l #	83
90) Hexachloroethane	12.67	117	70317	18.333	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	12.97	75	9078	4.697	ug/l #	1
95) Naphthalene	13.83	128	20142	0.598	ug/l #	78

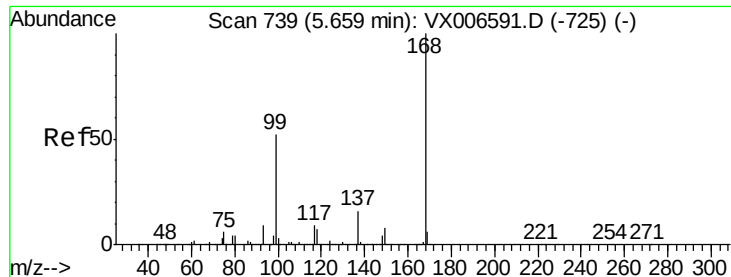
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006706.D

Acq: 21 Dec 2018 05:35

Instrument :

MSVOA_X

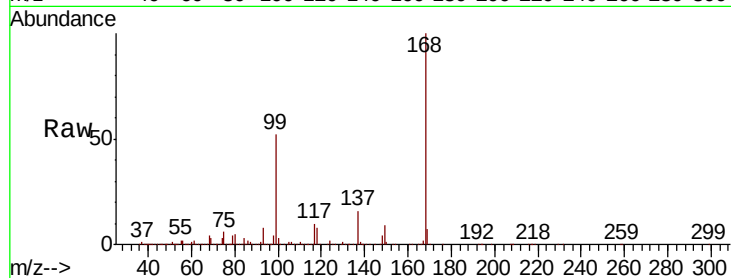
ClientSampled :

Tot Ion:168 Resp: 676711

Ion Ratio Lower Upper

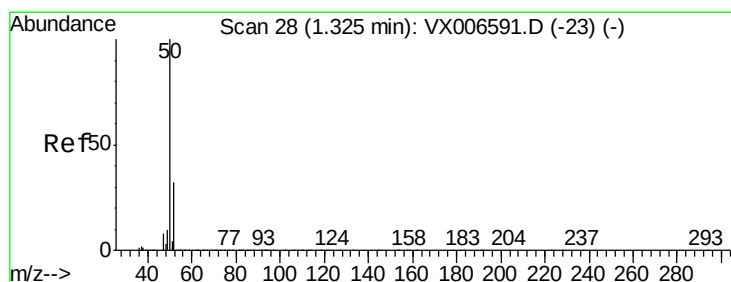
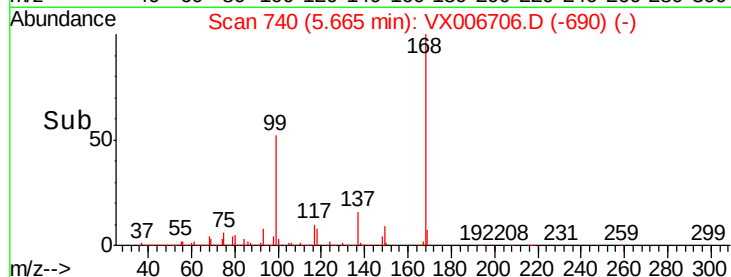
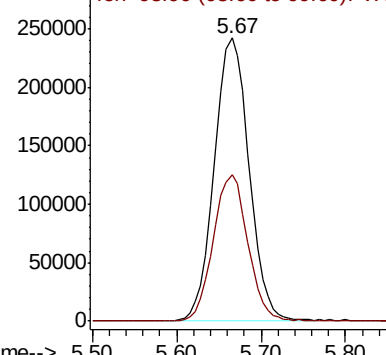
168 100

99 51.8 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.468 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006706.D

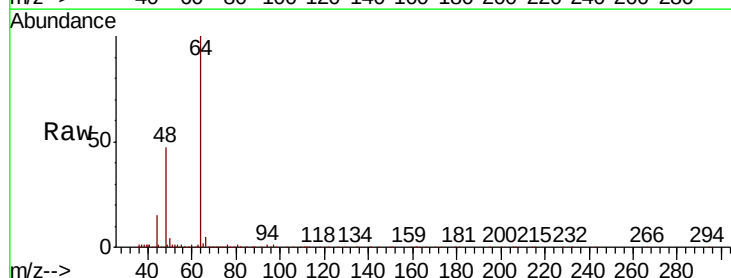
Acq: 21 Dec 2018 05:35

Tgt Ion: 50 Resp: 3121

Ion Ratio Lower Upper

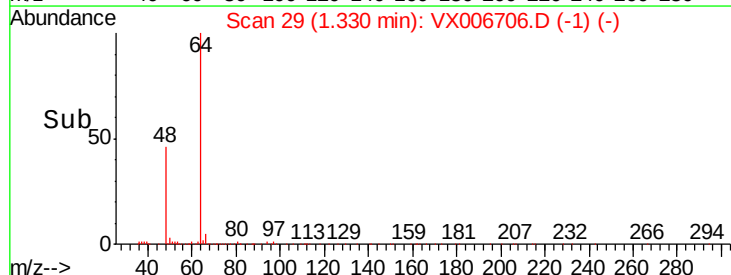
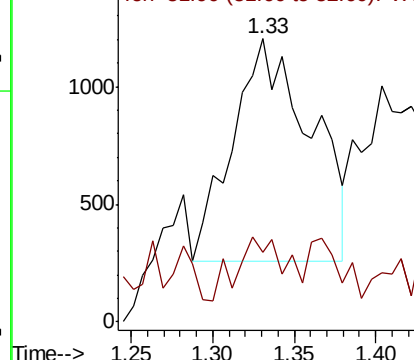
50 100

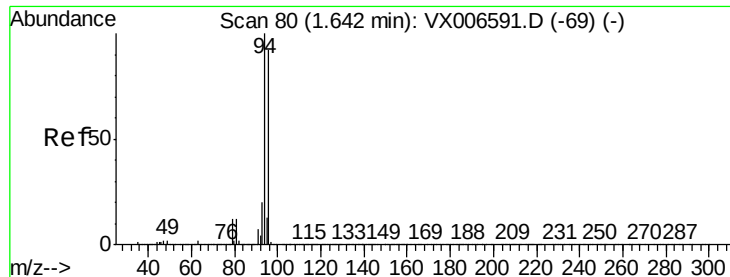
52 17.0 25.4 38.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.66 min Scan# 83

Delta R.T. 0.02 min

Lab File: VX006706.D

Acq: 21 Dec 2018 05:35

Instrument :

MSVOA_X

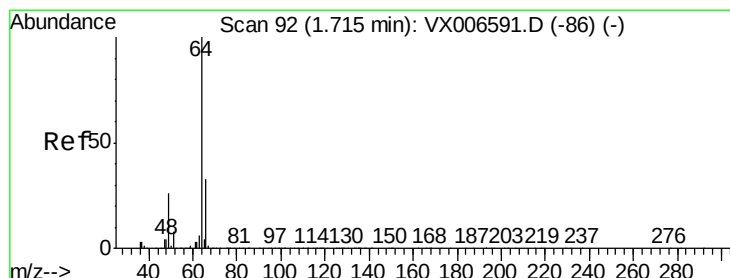
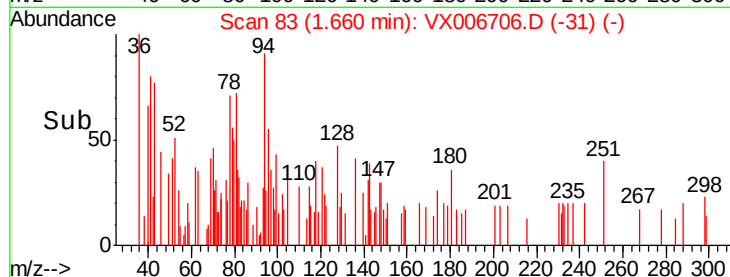
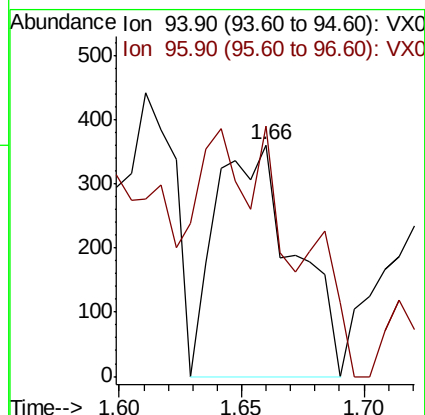
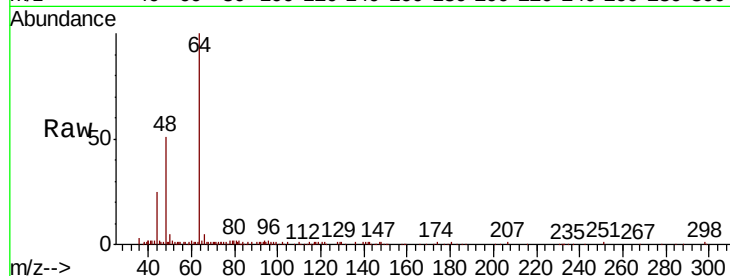
ClientSampleId :

Tot Ion: 94 Resp: 810

Ion Ratio Lower Upper

94 100

96 79.3 73.4 110.2



#6

Chloroethane

Concen: 0.355 ug/l

RT: 1.97 min Scan# 134

Delta R.T. 0.26 min

Lab File: VX006706.D

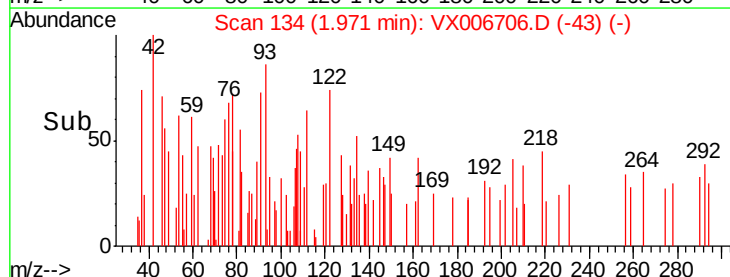
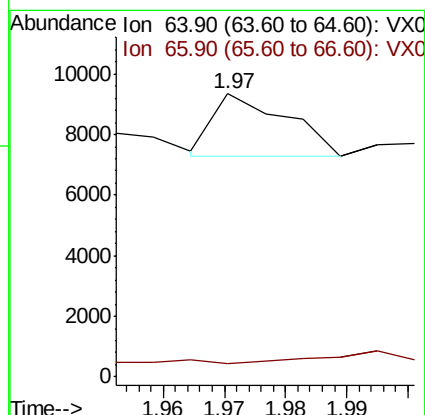
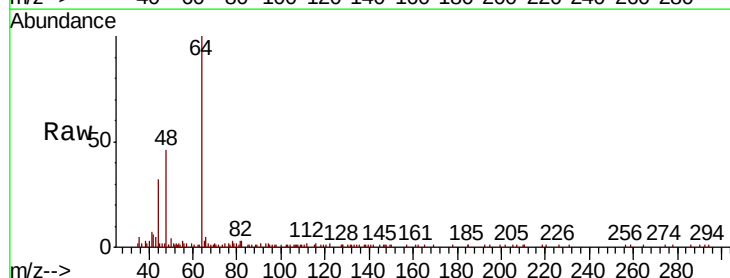
Acq: 21 Dec 2018 05:35

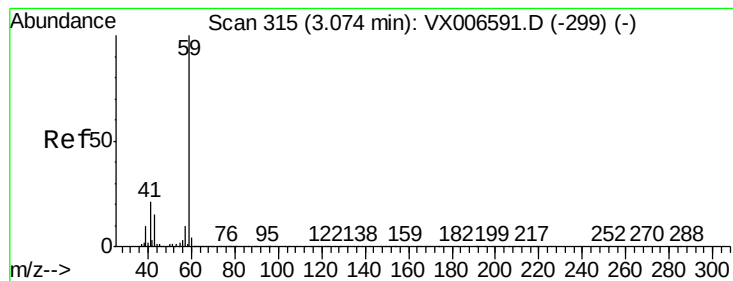
Tgt Ion: 64 Resp: 1710

Ion Ratio Lower Upper

64 100

66 0.0 26.4 39.6#



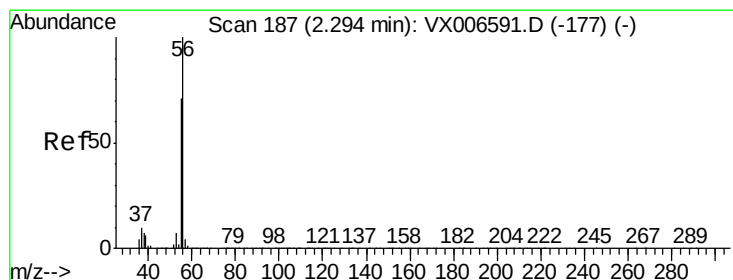
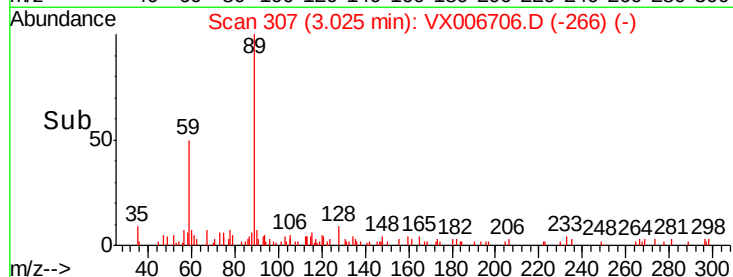
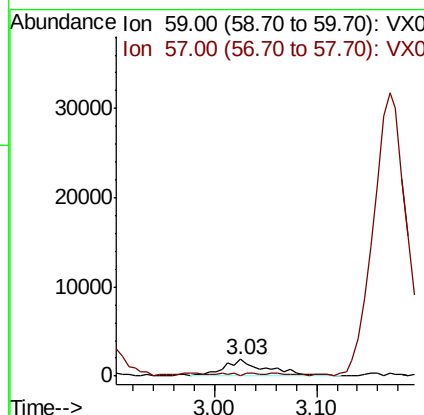
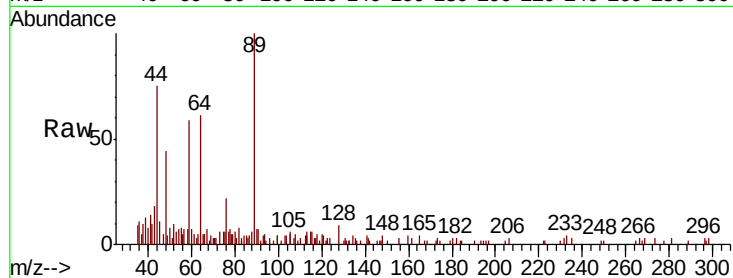


#11

Tert butyl alcohol
Concen: 3.147 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.05 min
Lab File: VX006706.D
Acq: 21 Dec 2018 05:35

Instrument :
MSVOA_X
ClientSampleId :

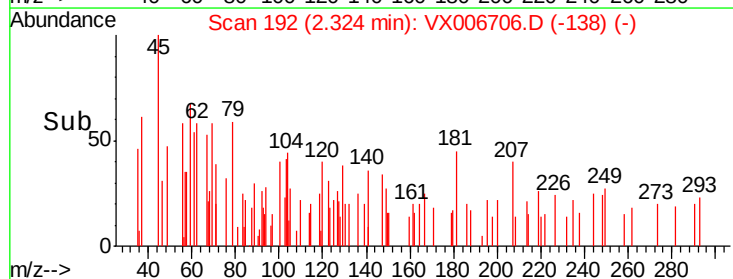
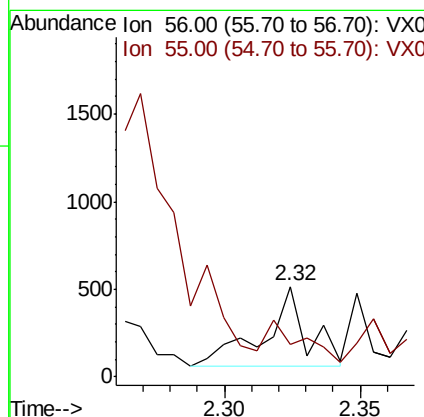
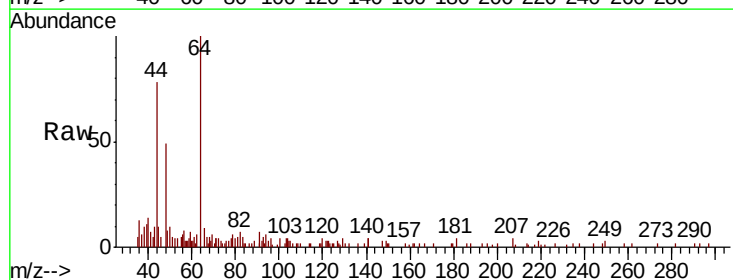
Tot Ion: 59 Resp: 5123
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

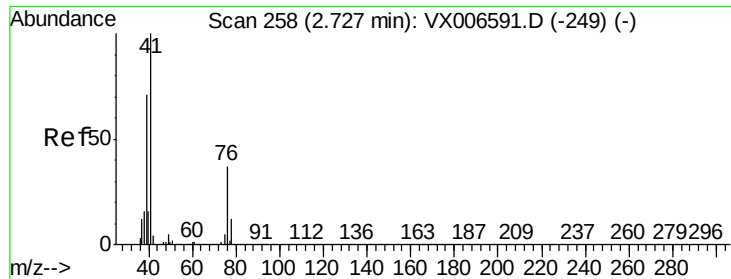


#13

Acrolein
Concen: 0.458 ug/l
RT: 2.32 min Scan# 192
Delta R.T. 0.03 min
Lab File: VX006706.D
Acq: 21 Dec 2018 05:35

Tgt Ion: 56 Resp: 503
Ion Ratio Lower Upper
56 100
55 41.0 58.2 87.4#

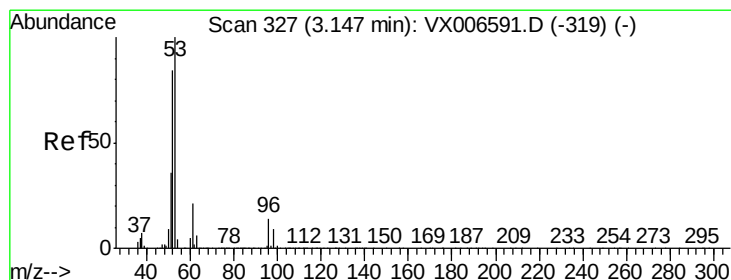
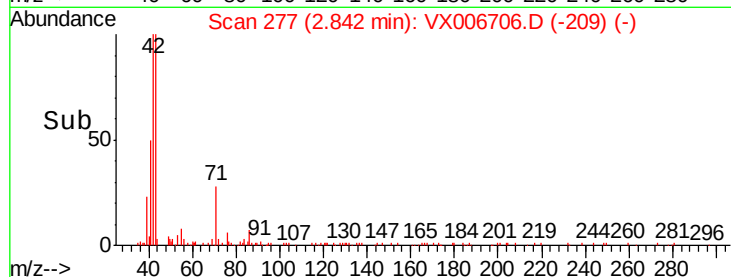
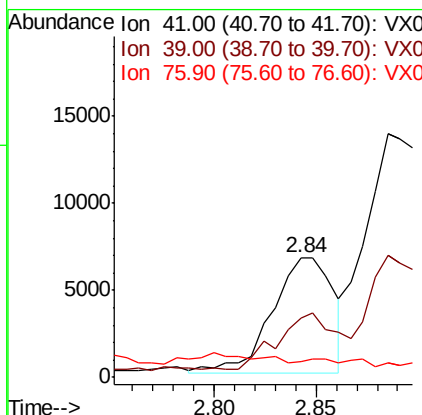
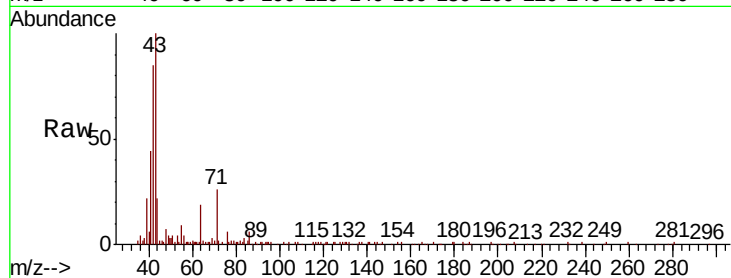




#14
Allvl chloride
Concen: 1.364 ug/l
RT: 2.84 min Scan# 277
Delta R.T. 0.12 min
Lab File: VX006706.D
Acq: 21 Dec 2018 05:35

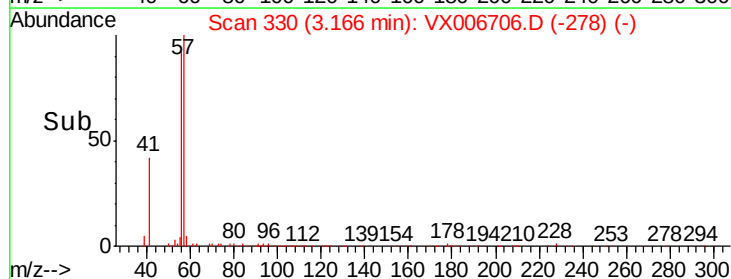
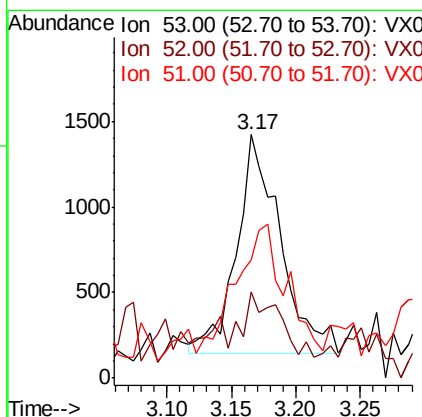
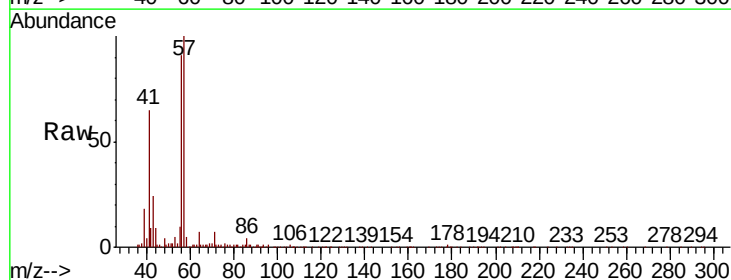
Instrument :
MSVOA_X
ClientSampleId :

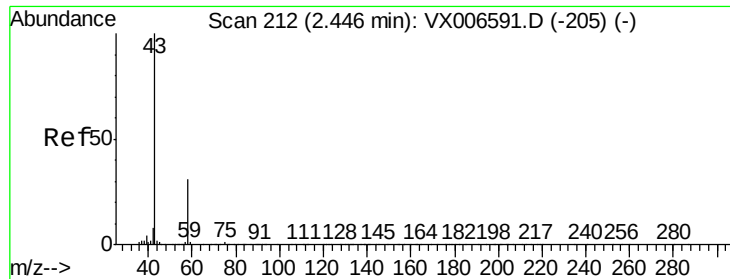
Tot Ion: 41 Resp: 13881
Ion Ratio Lower Upper
41 100
39 48.2 53.6 80.4#
76 0.0 27.4 41.2#



#15
Acrylonitrile
Concen: 0.828 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.02 min
Lab File: VX006706.D
Acq: 21 Dec 2018 05:35

Tgt Ion: 53 Resp: 2993
Ion Ratio Lower Upper
53 100
52 23.9 66.0 99.0#
51 71.9 28.6 42.8#

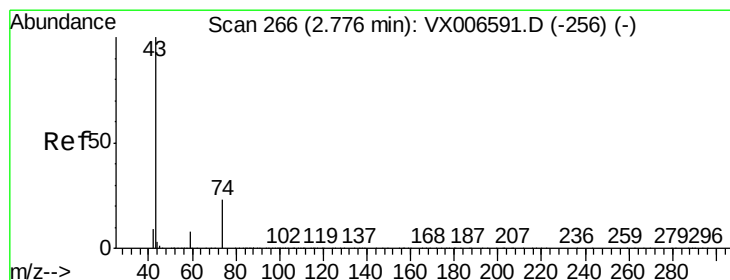
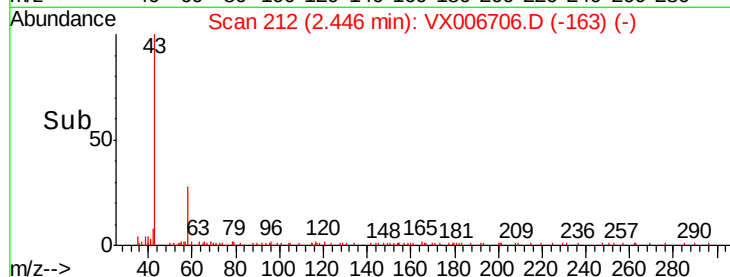
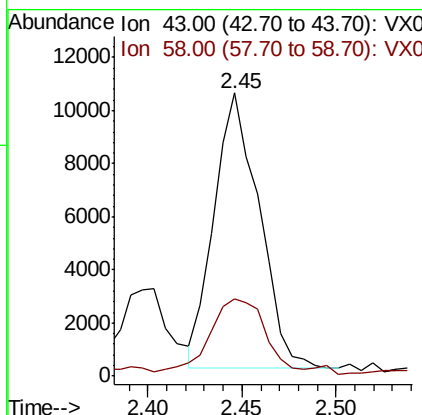
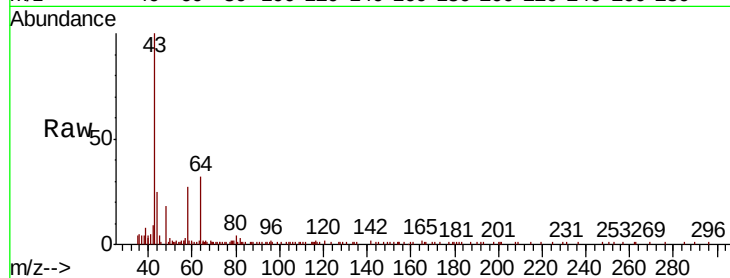




#16
Acetone
Concen: 5.129 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX006706.D
Acq: 21 Dec 2018 05:35

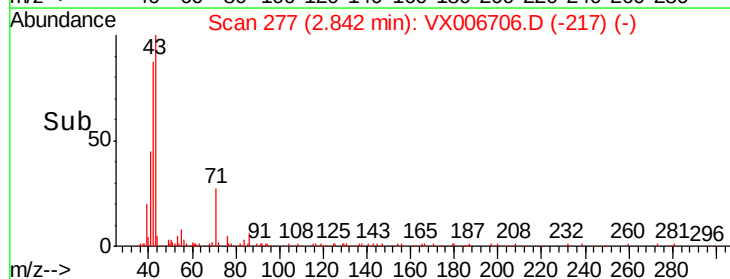
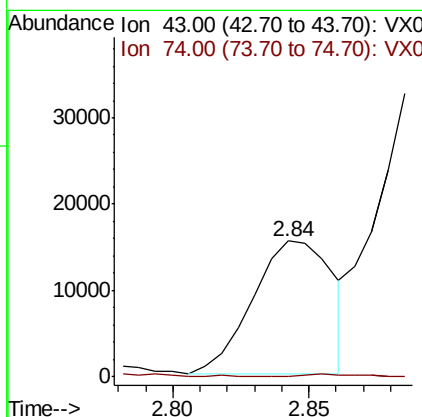
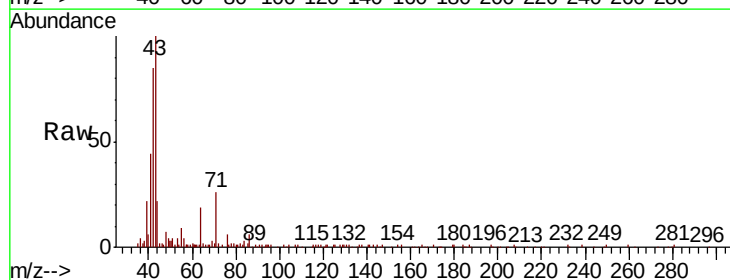
Instrument :
MSVOA_X
ClientSampled :

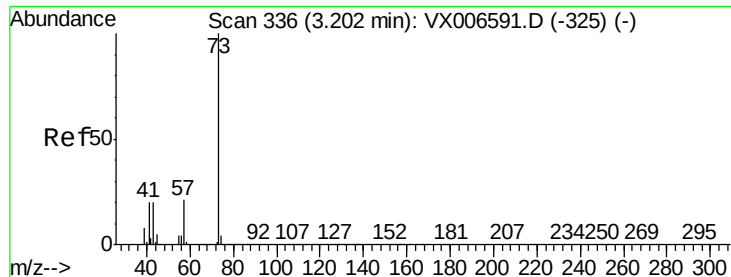
Tot Ion: 43 Resp: 17187
Ion Ratio Lower Upper
43 100
58 27.4 25.0 37.6



#18
Methyl Acetate
Concen: 3.185 ug/l
RT: 2.84 min Scan# 277
Delta R.T. 0.07 min
Lab File: VX006706.D
Acq: 21 Dec 2018 05:35

Tgt Ion: 43 Resp: 31379
Ion Ratio Lower Upper
43 100
74 1.6 18.6 28.0#



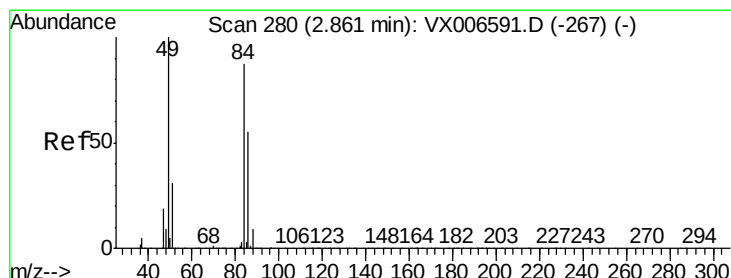
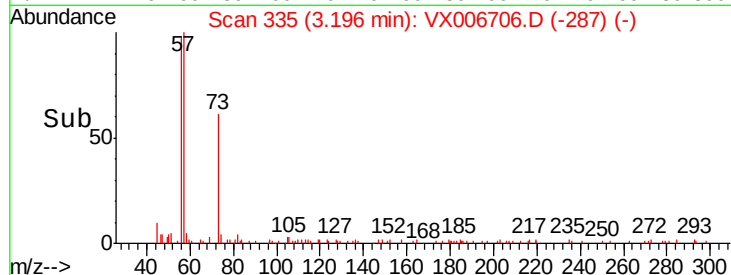
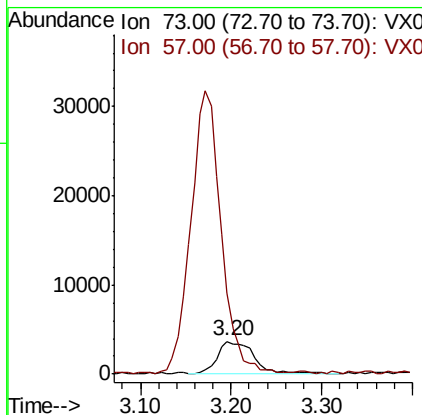
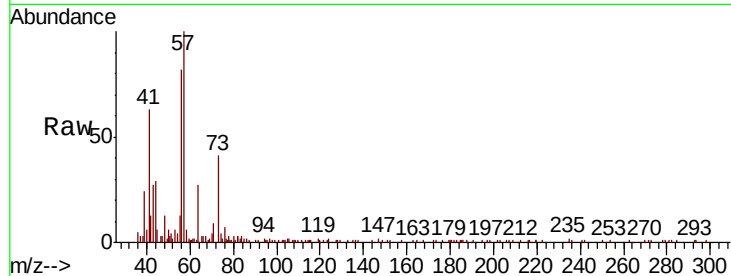


#19

Methyl tert-butyl Ether
 Concen: 0.528 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.01 min
 Lab File: VX006706.D
 Acq: 21 Dec 2018 05:35

Instrument :
 MSVOA_X
 ClientSampleId :

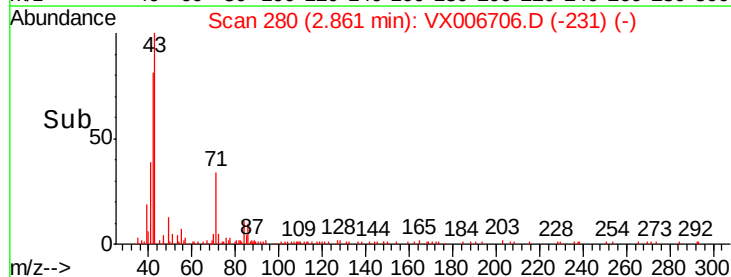
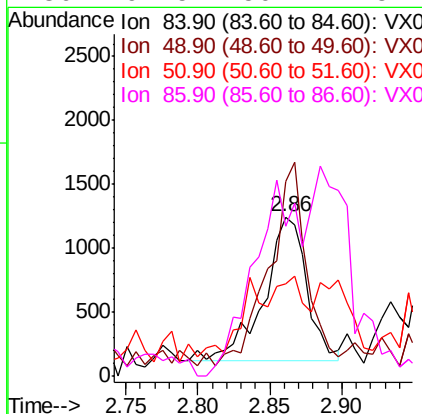
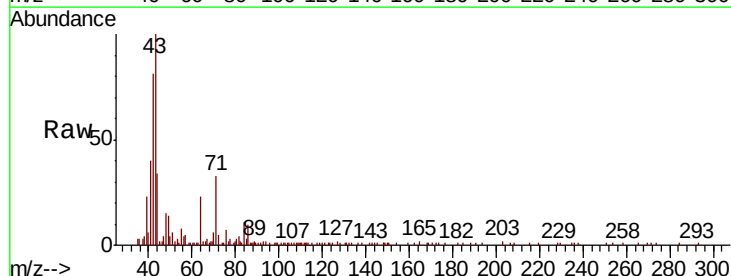
Tot Ion: 73 Resp: 10591
 Ion Ratio Lower Upper
 73 100
 57 239.4 16.8 25.2#

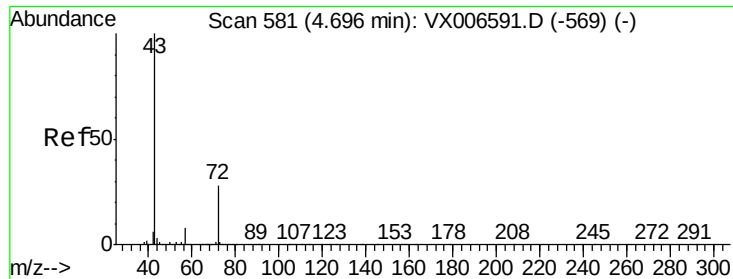


#20

Methylene Chloride
 Concen: 0.340 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. -0.00 min
 Lab File: VX006706.D
 Acq: 21 Dec 2018 05:35

Tgt Ion: 84 Resp: 2355
 Ion Ratio Lower Upper
 84 100
 49 123.0 91.8 137.6
 51 41.8 28.5 42.7
 86 92.5 50.2 75.2#





#25

2-Butanone

Concen: 0.504 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX006706.D

Acq: 21 Dec 2018 05:35

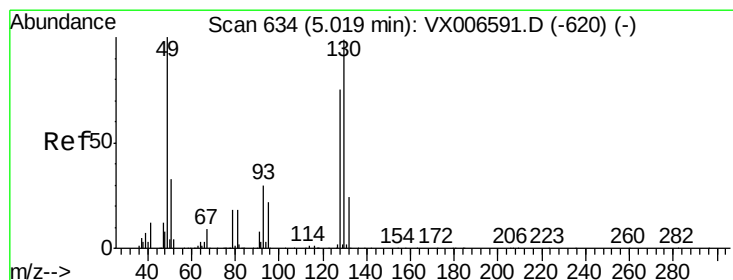
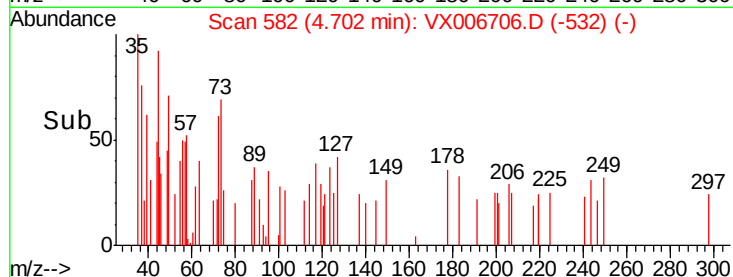
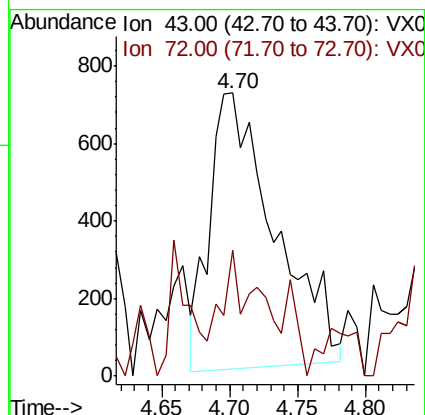
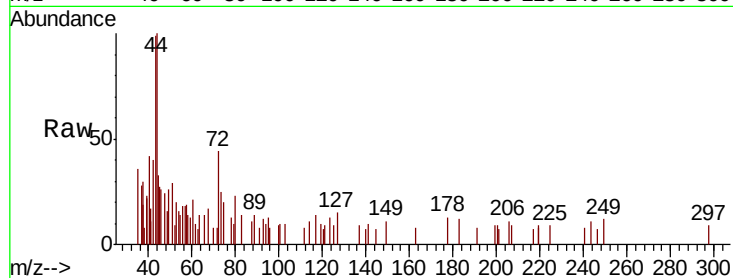
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 2374

Ion Ratio Lower Upper

43 100

72 33.2 22.4 33.6



#28

Bromochloromethane

Concen: Below Cal

RT: 5.04 min Scan# 637

Delta R.T. 0.02 min

Lab File: VX006706.D

Acq: 21 Dec 2018 05:35

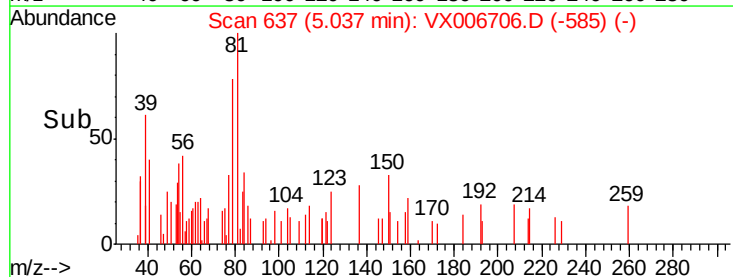
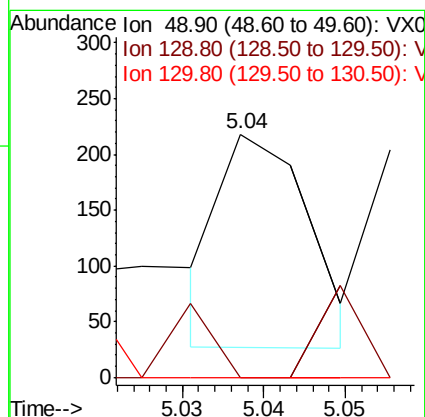
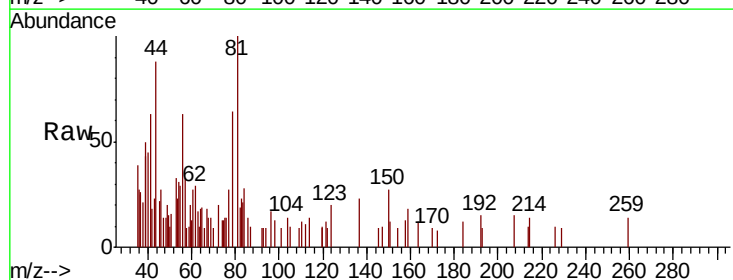
Tgt Ion: 49 Resp: 144

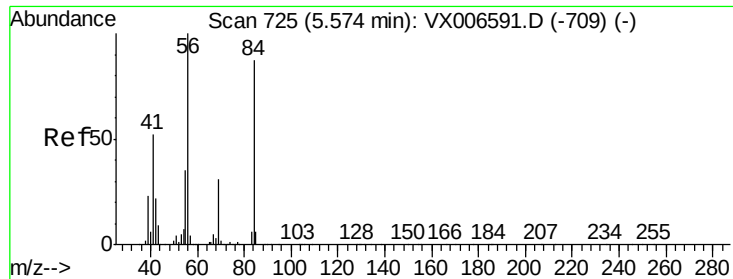
Ion Ratio Lower Upper

49 100

129 16.7 0.0 5.4#

130 0.0 77.7 116.5#





#31

Cyclohexane

Concen: 3.840 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX006706.D

Acq: 21 Dec 2018 05:35

Instrument :

MSVOA_X

ClientSampleId :

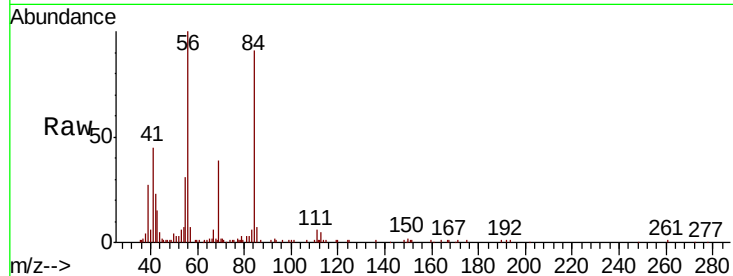
Tot Ion: 56 Resp: 38769

Ion Ratio Lower Upper

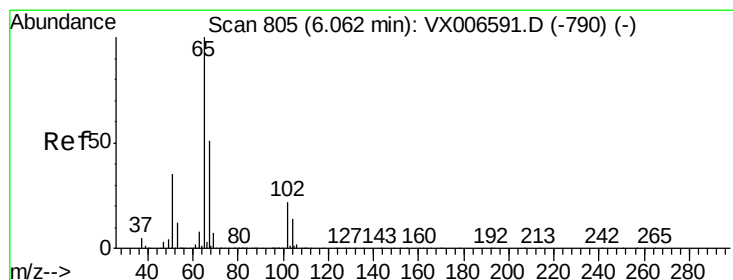
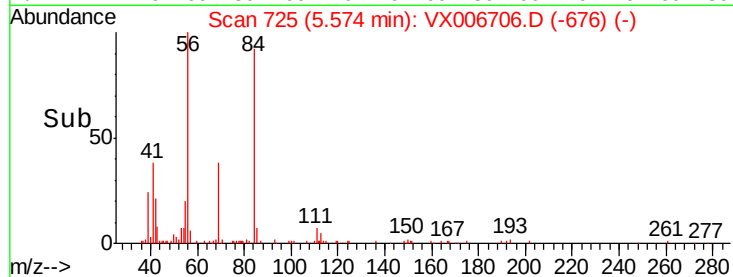
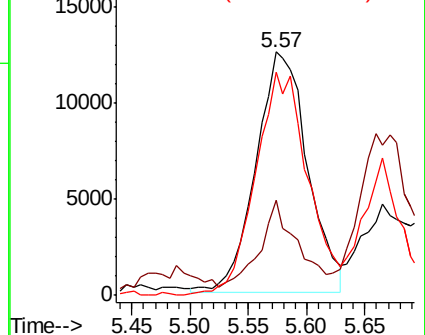
56 100

69 31.8 24.4 36.6

84 93.3 70.0 105.0



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.346 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006706.D

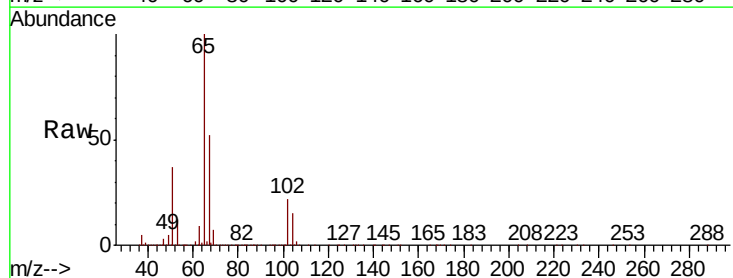
Acq: 21 Dec 2018 05:35

Tgt Ion: 65 Resp: 352605

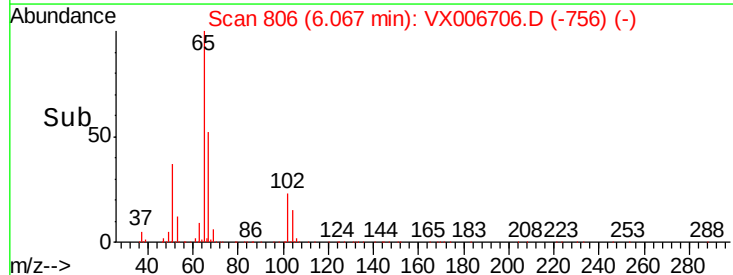
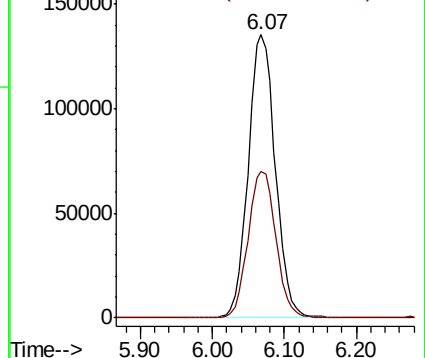
Ion Ratio Lower Upper

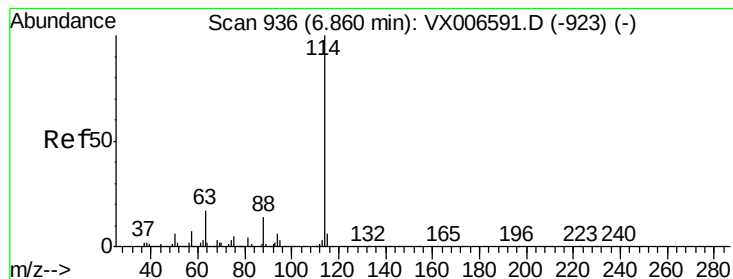
65 100

67 53.0 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006706.D

Acq: 21 Dec 2018 05:35

Instrument :

MSVOA_X

ClientSampleId :

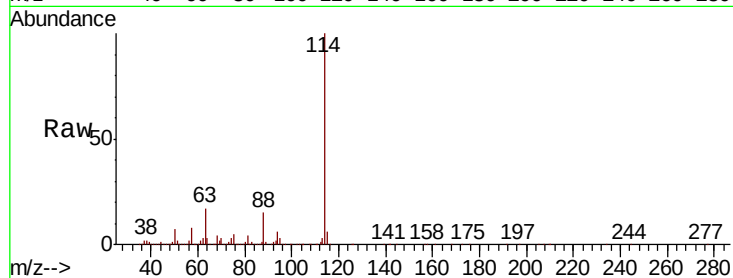
Tot Ion:114 Resp: 1042821

Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.8

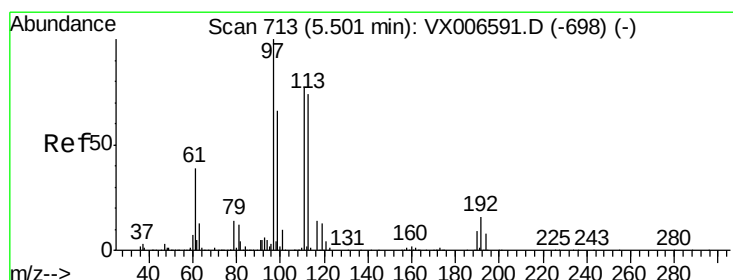
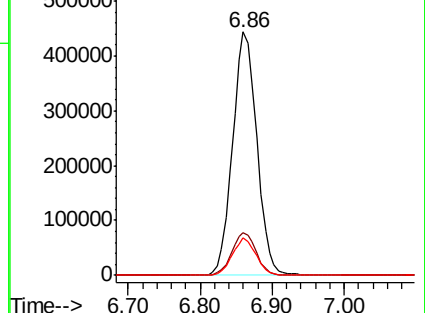
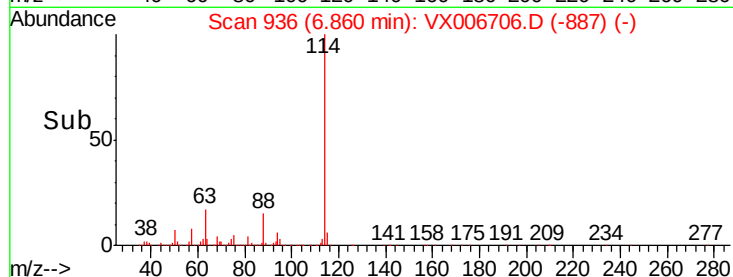
88 15.4 0.0 28.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 47.075 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006706.D

Acq: 21 Dec 2018 05:35

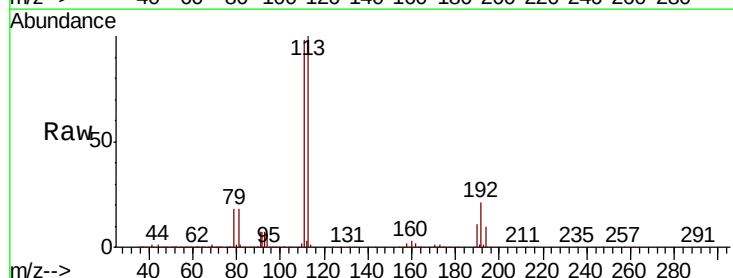
Tgt Ion:113 Resp: 310440

Ion Ratio Lower Upper

113 100

111 101.1 81.6 122.4

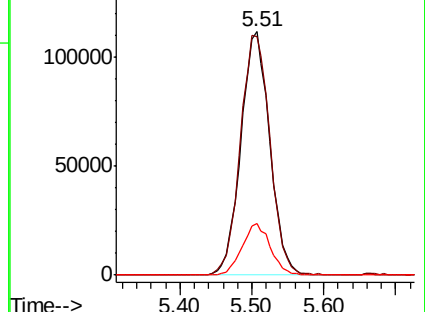
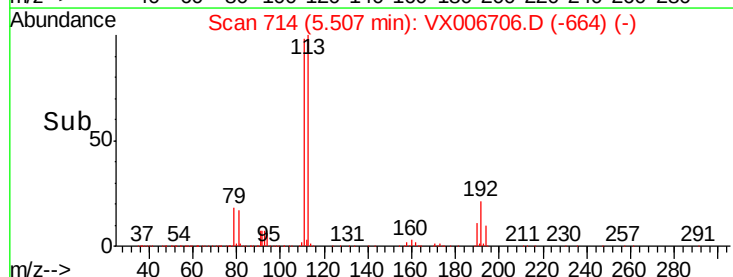
192 20.7 16.7 25.1

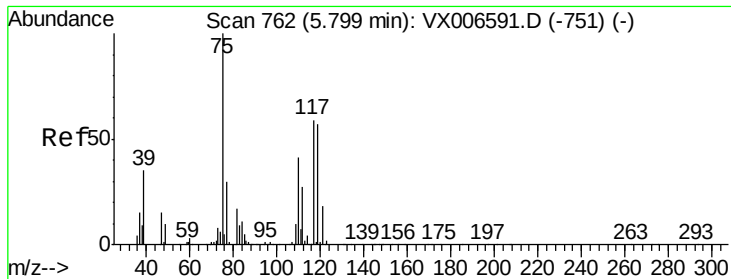


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

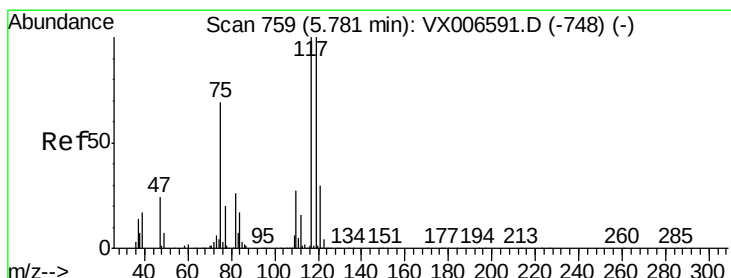
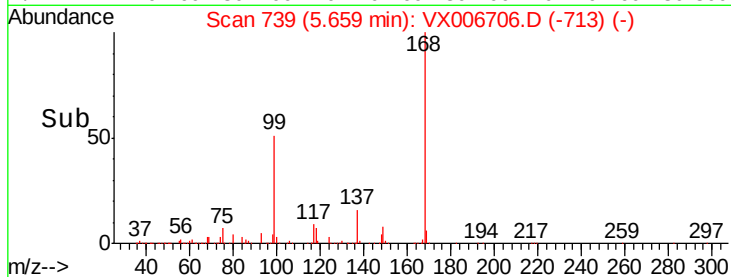
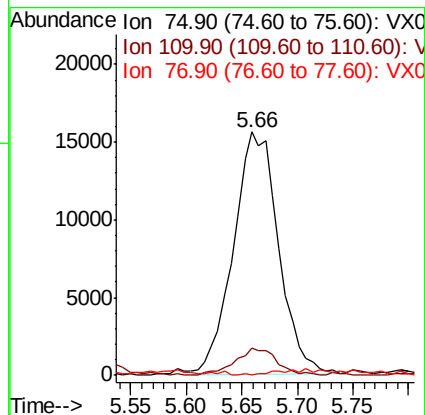
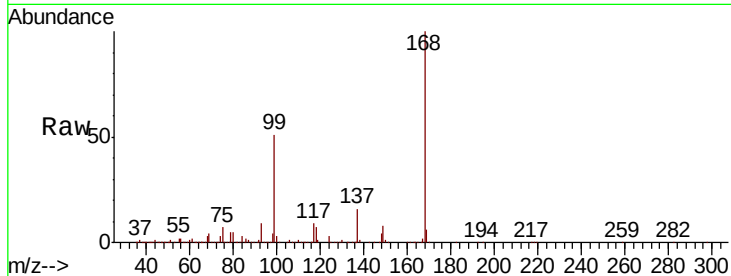




#36
 1,1-Dichloropropene
 Concen: 5.093 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX006706.D
 Acq: 21 Dec 2018 05:35

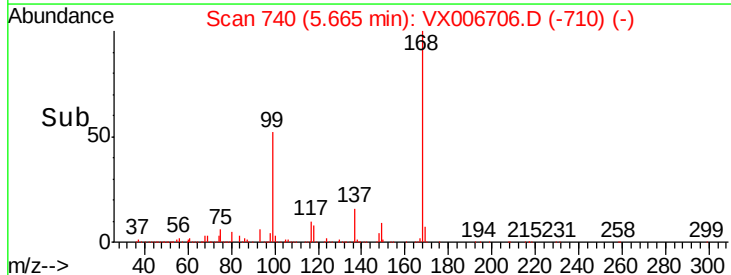
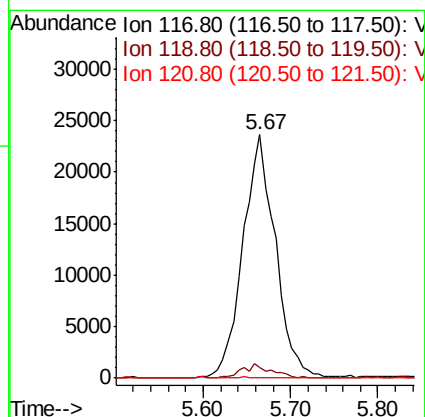
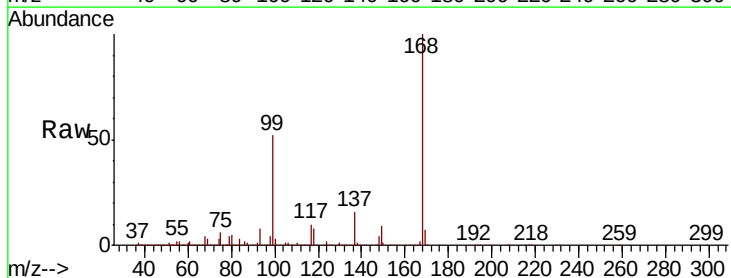
Instrument :
 MSVOA_X
 ClientSampleId :

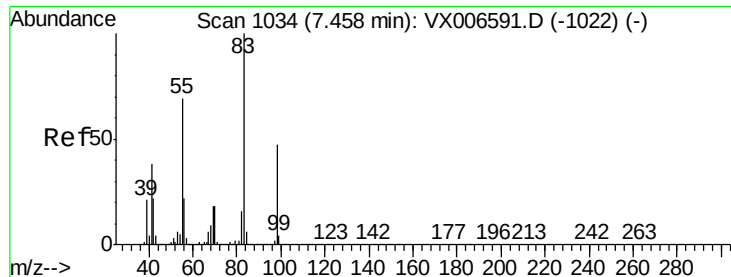
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.4	20.2	60.5#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 7.273 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX006706.D
 Acq: 21 Dec 2018 05:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.4	79.4	119.2#
121	0.0	24.0	36.0#

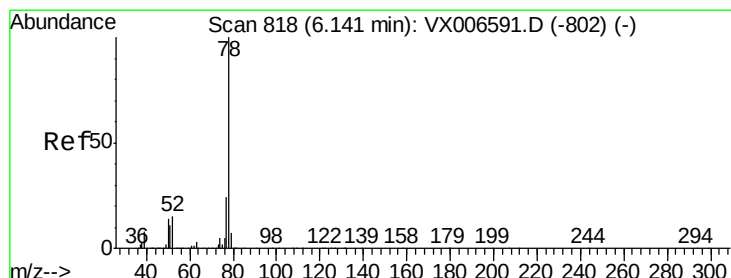
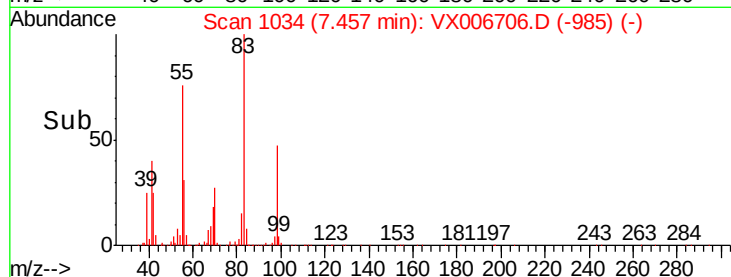
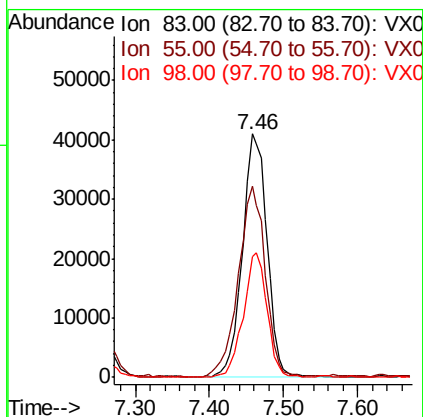
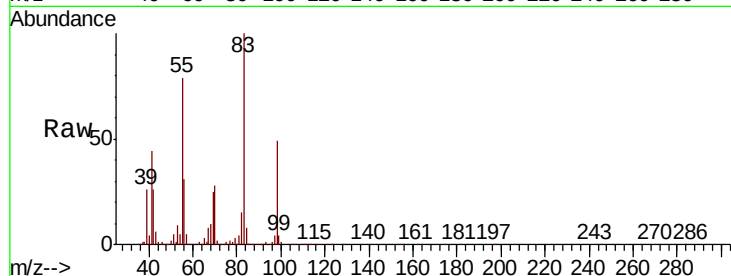




#39
Methylvlcyclohexane
Concen: 8.408 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX006706.D
Acq: 21 Dec 2018 05:35

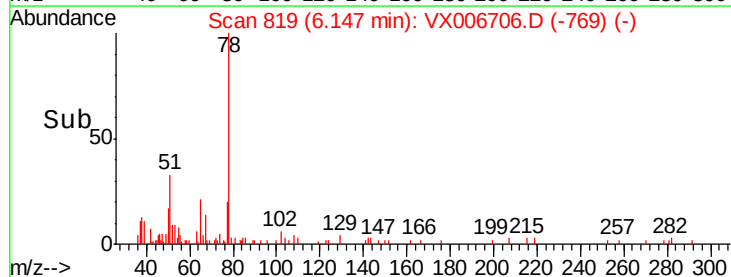
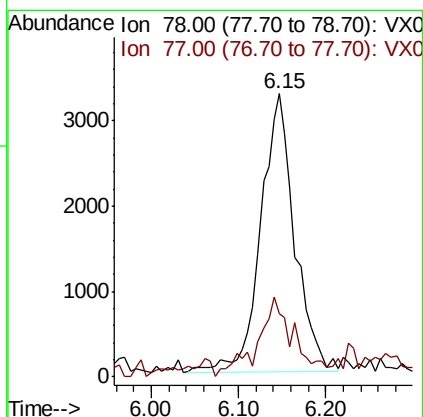
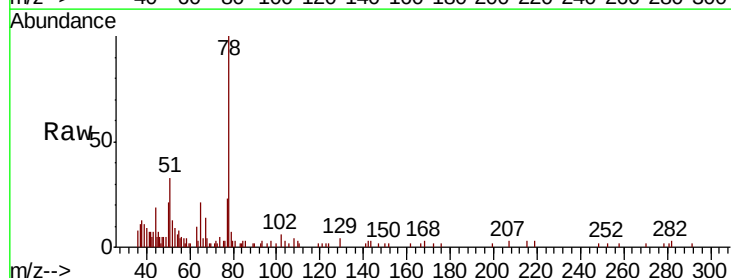
Instrument :
MSVOA_X
ClientSampleId :

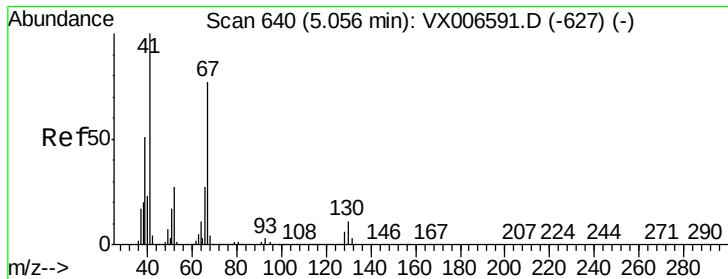
Tot Ion: 83 Resp: 95606
Ion Ratio Lower Upper
83 100
55 78.2 54.9 82.3
98 49.4 37.9 56.9



#40
Benzene
Concen: 0.337 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX006706.D
Acq: 21 Dec 2018 05:35

Tgt Ion: 78 Resp: 8837
Ion Ratio Lower Upper
78 100
77 19.1 19.2 28.8#





#41

Methacrylonitrile

Concen: 0.202 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.00 min

Lab File: VX006706.D

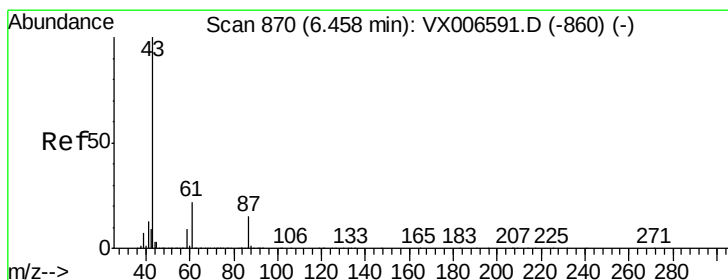
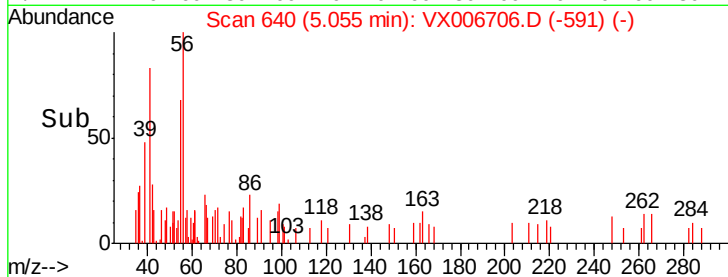
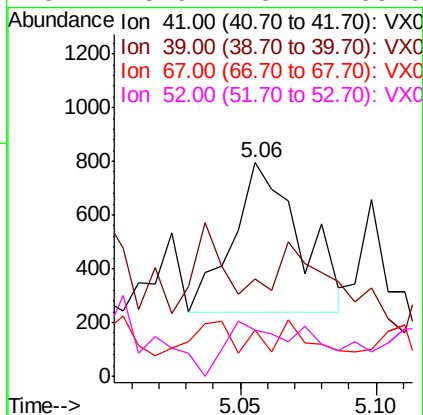
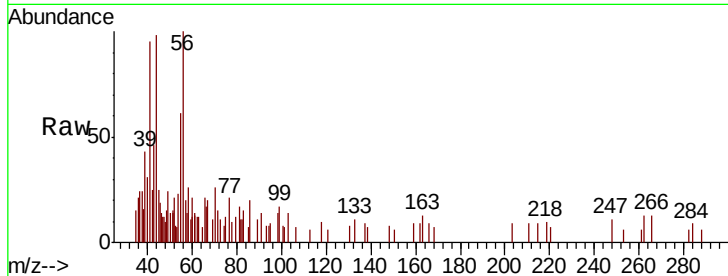
Acq: 21 Dec 2018 05:35

Instrument :

MSVOA_X

ClientSampled :

Tot Ion:	41	Resp:	965
Ion	Ratio	Lower	Upper
41	100		
39	27.2	42.8	64.2#
67	13.2	62.1	93.1#
52	43.9	23.4	35.0#



#43

Isopropyl Acetate

Concen: 0.241 ug/l

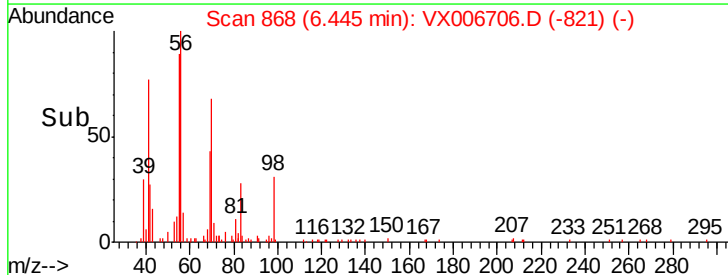
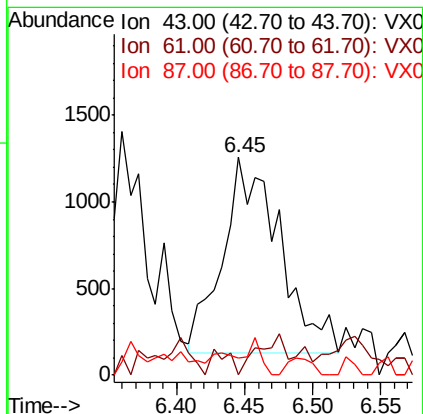
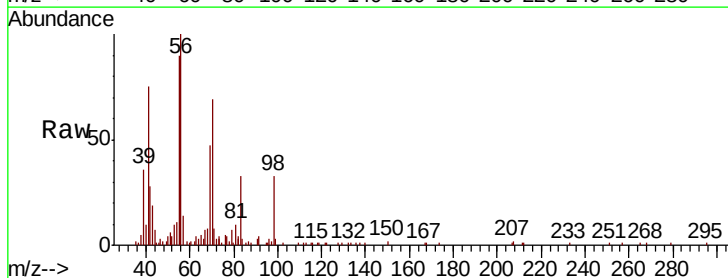
RT: 6.45 min Scan# 868

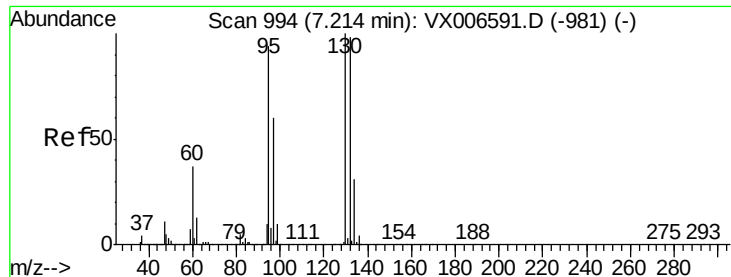
Delta R.T. -0.01 min

Lab File: VX006706.D

Acq: 21 Dec 2018 05:35

Tgt Ion:	43	Resp:	3300
Ion	Ratio	Lower	Upper
43	100		
61	0.0	16.8	25.2#
87	4.3	12.4	18.6#





#44

Trichloroethene

Concen: 0.392 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX006706.D

Acq: 21 Dec 2018 05:35

Instrument :

MSVOA_X

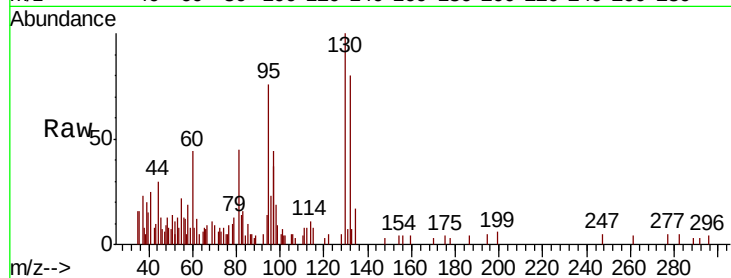
ClientSampleId :

Tot Ion:130 Resp: 3113

Ion Ratio Lower Upper

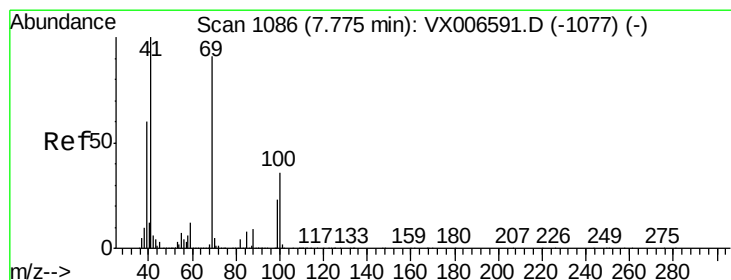
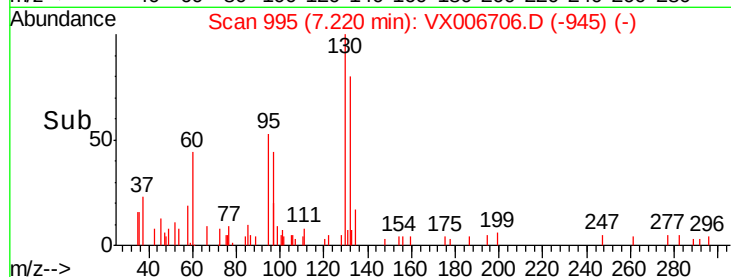
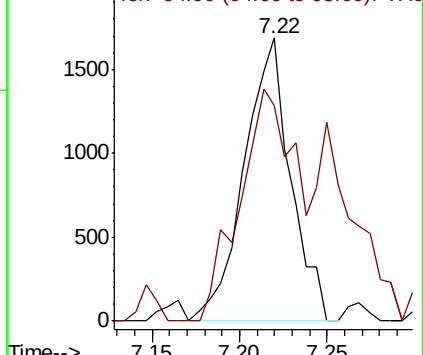
130 100

95 75.9 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#48

Methyl methacrylate

Concen: 1.367 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.04 min

Lab File: VX006706.D

Acq: 21 Dec 2018 05:35

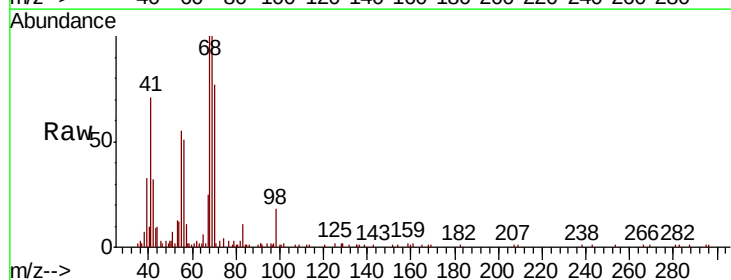
Tgt Ion: 41 Resp: 9505

Ion Ratio Lower Upper

41 100

69 140.7 72.4 108.6#

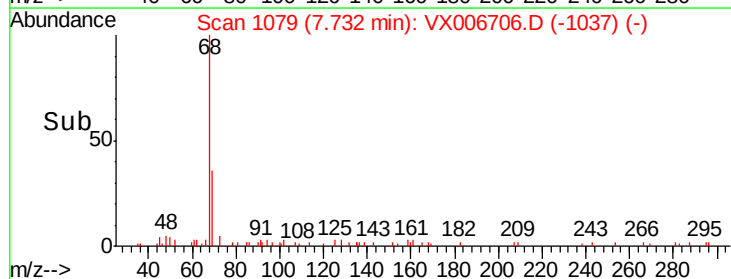
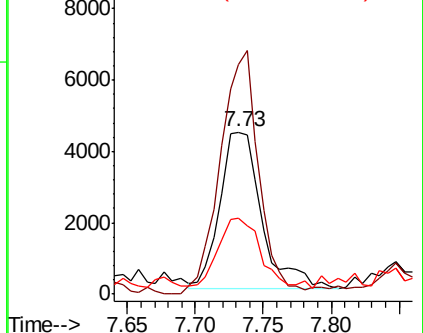
39 41.2 45.8 68.8#

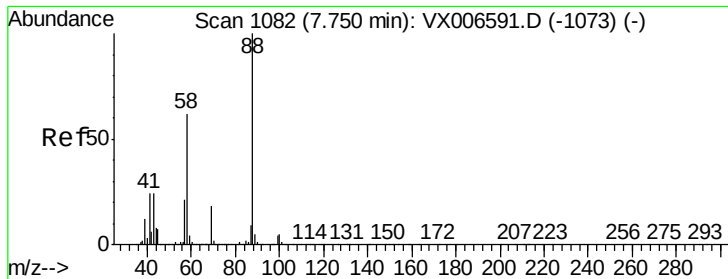


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

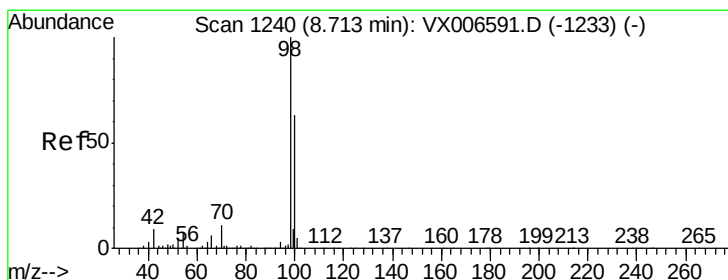
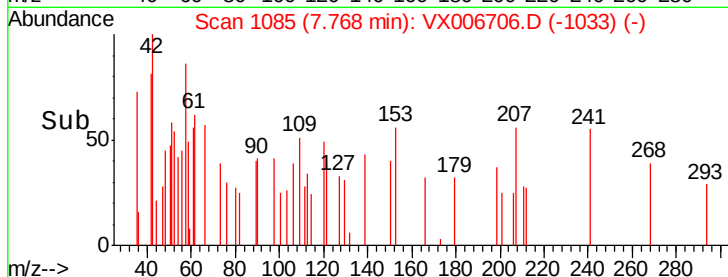
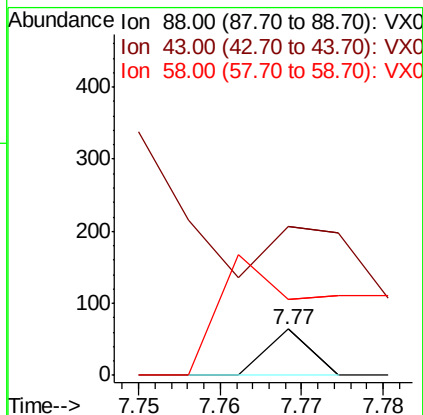
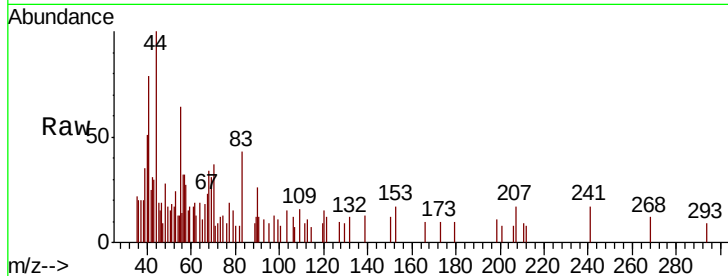




#49
1,4-Dioxane
Concen: Below Cal
RT: 7.77 min Scan# 1085
Delta R.T. 0.02 min
Lab File: VX006706.D
Acq: 21 Dec 2018 05:35

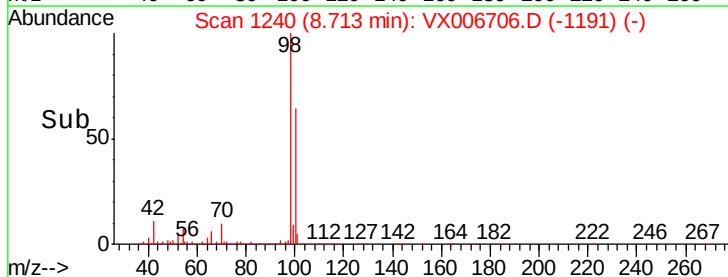
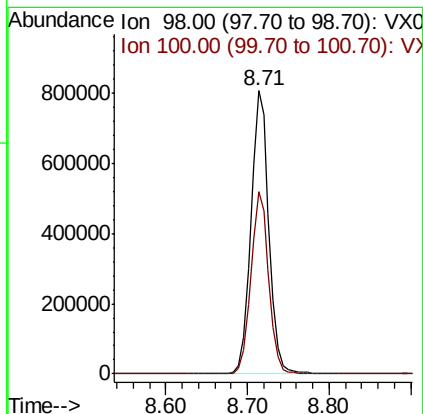
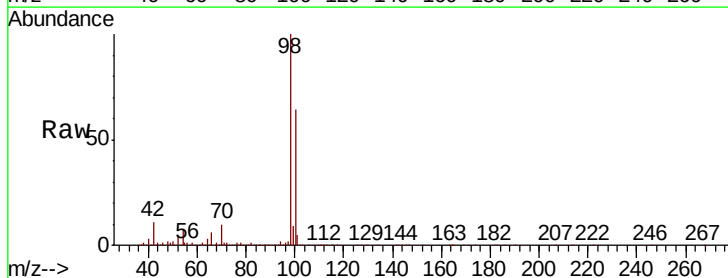
Instrument :
MSVOA_X
ClientSampled :

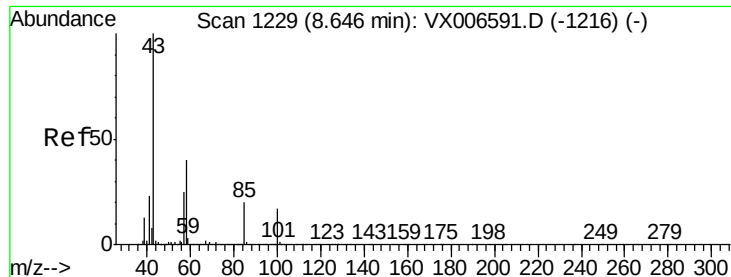
Tot Ion: 88 Resp: 23
Ion Ratio Lower Upper
88 100
43 0.0 22.2 33.4#
58 1008.7 51.0 76.4#



#50
Toluene-d8
Concen: 49.812 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006706.D
Acq: 21 Dec 2018 05:35

Tgt Ion: 98 Resp: 1238410
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0

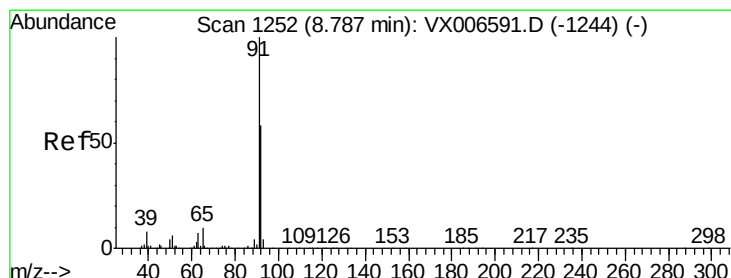
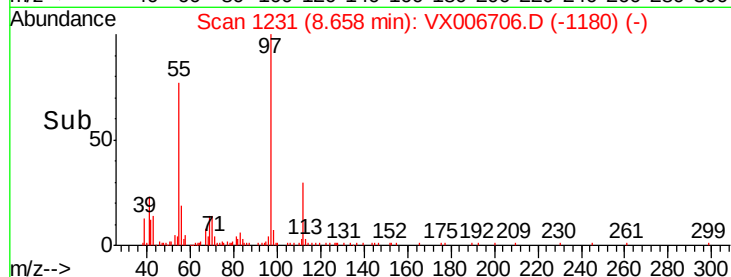
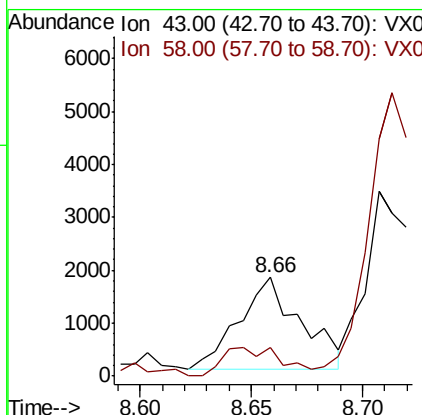
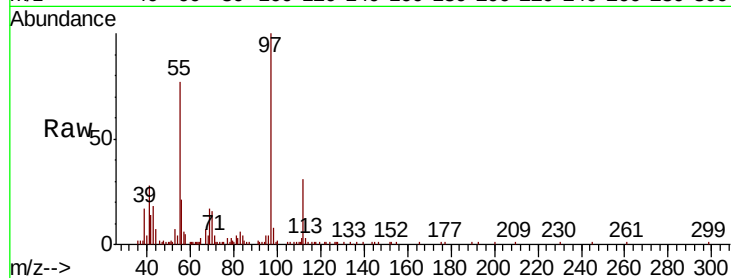




#51
 4-Methyl-2-Pentanone
 Concen: 0.384 ug/l
 RT: 8.66 min Scan# 1231
 Delta R.T. 0.01 min
 Lab File: VX006706.D
 Acq: 21 Dec 2018 05:35

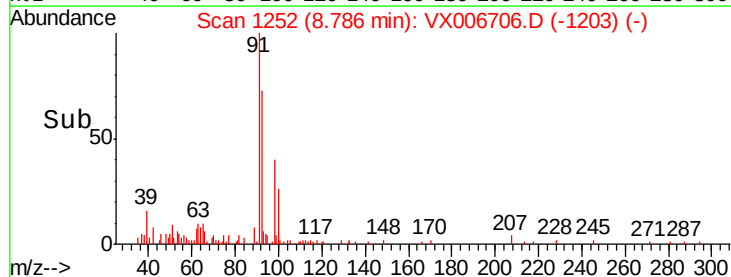
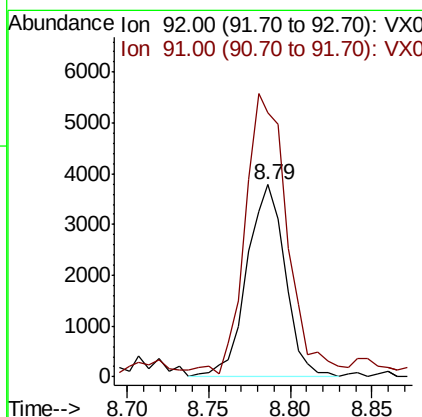
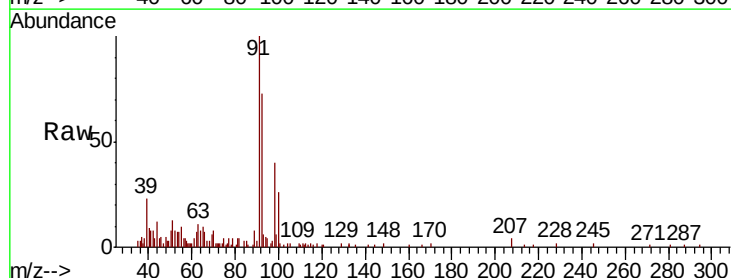
Instrument :
 MSVOA_X
 ClientSampleId :

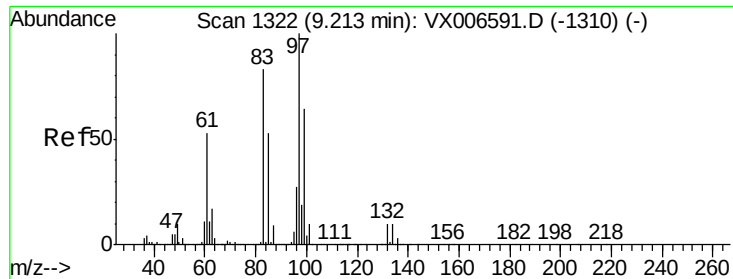
Tot Ion: 43 Resp: 3345
 Ion Ratio Lower Upper
 43 100
 58 29.7 31.8 47.6#



#52
 Toluene
 Concen: 0.366 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX006706.D
 Acq: 21 Dec 2018 05:35

Tgt Ion: 92 Resp: 6201
 Ion Ratio Lower Upper
 92 100
 91 154.8 137.6 206.4





#55

1,1,2-Trichloroethane

Concen: 1.995 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX006706.D

Acq: 21 Dec 2018 05:35

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 13853

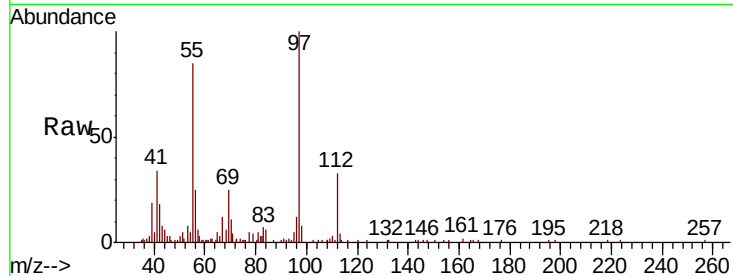
Ion Ratio Lower Upper

97 100

83 5.0 66.6 99.8#

85 0.0 42.7 64.1#

99 0.0 50.8 76.2#

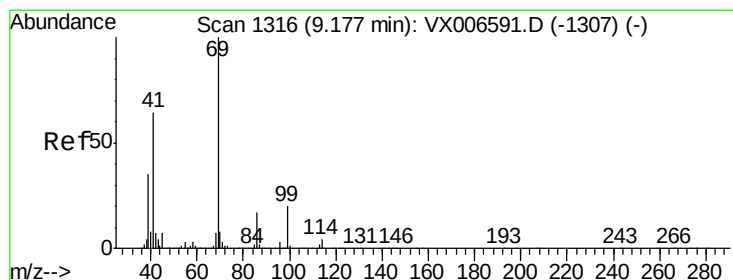
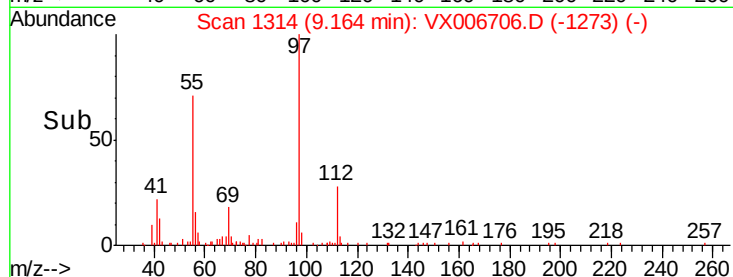
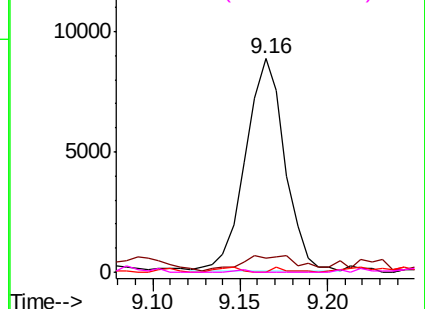


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 0.312 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.01 min

Lab File: VX006706.D

Acq: 21 Dec 2018 05:35

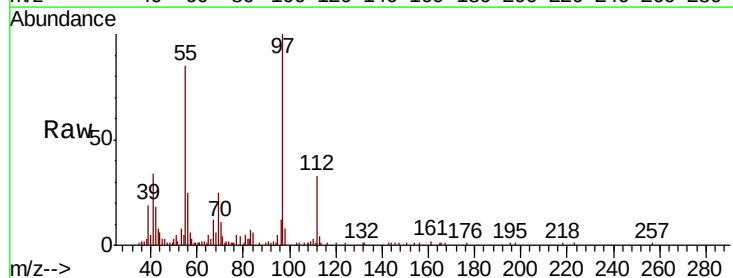
Tgt Ion: 69 Resp: 3060

Ion Ratio Lower Upper

69 100

41 150.3 48.7 73.1#

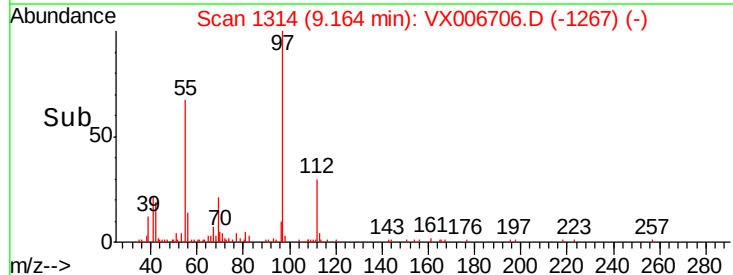
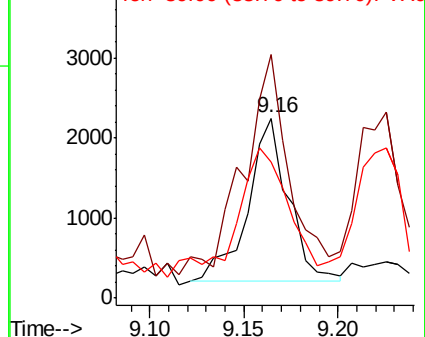
39 93.8 27.0 40.6#

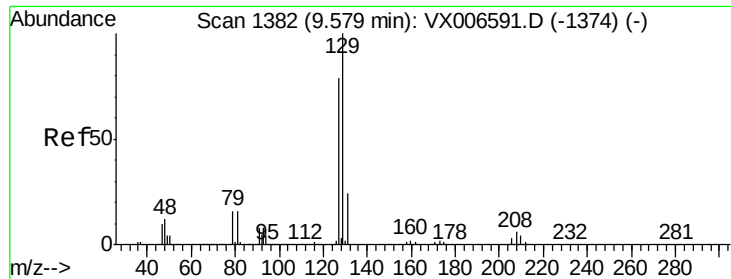


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#60

Dibromochloromethane

Concen: 2.330 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VX006706.D

Acq: 21 Dec 2018 05:35

Instrument :

MSVOA_X

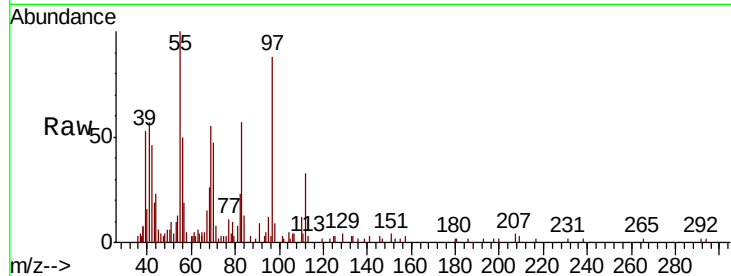
ClientSampled :

Tot Ion:129 Resp: 41

Ion Ratio Lower Upper

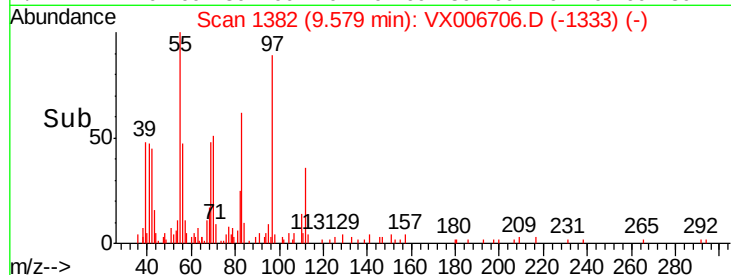
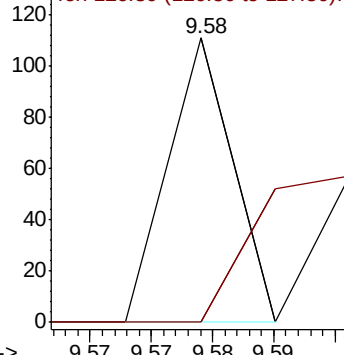
129 100

127 100.0 39.3 117.8

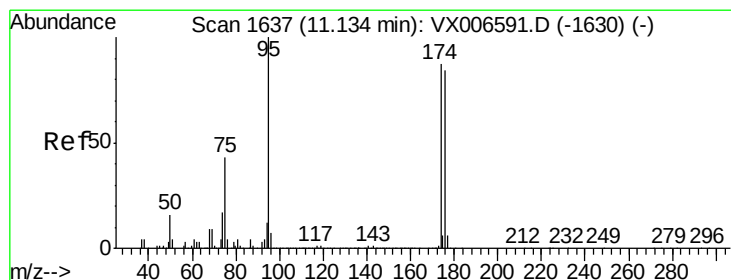


Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 49.020 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX006706.D

Acq: 21 Dec 2018 05:35

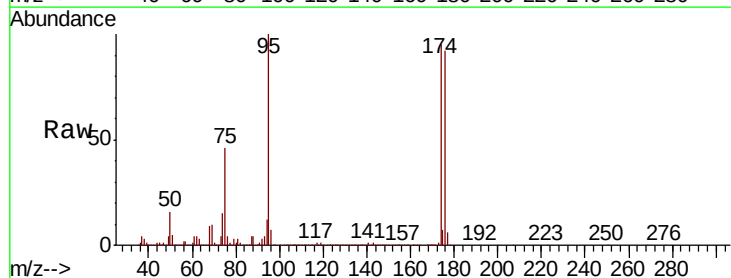
Tgt Ion: 95 Resp: 446350

Ion Ratio Lower Upper

95 100

174 88.8 0.0 182.2

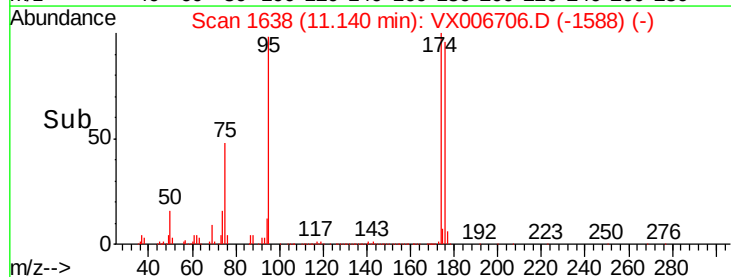
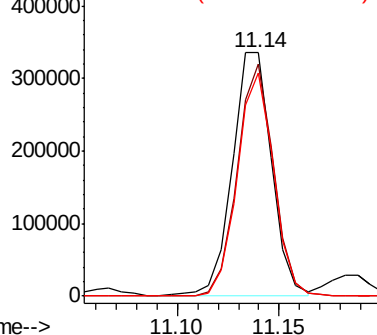
176 85.8 0.0 178.8



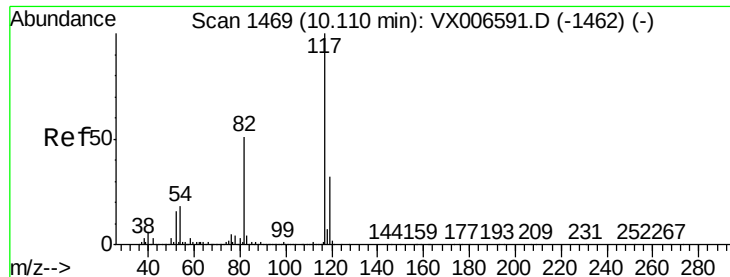
Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



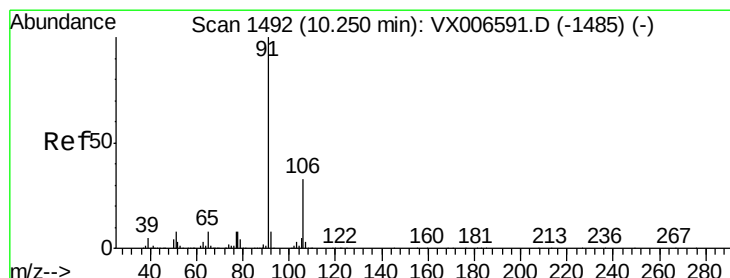
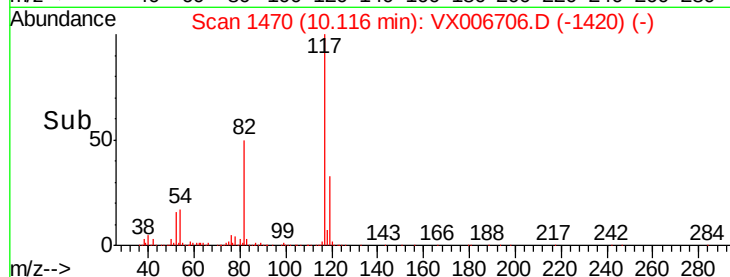
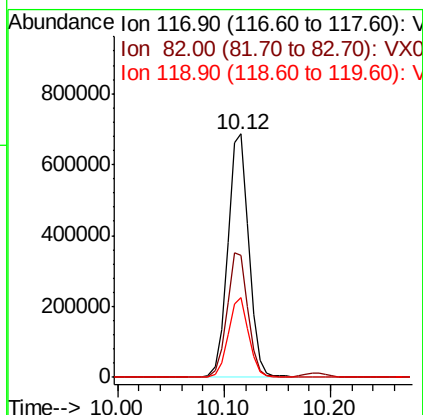
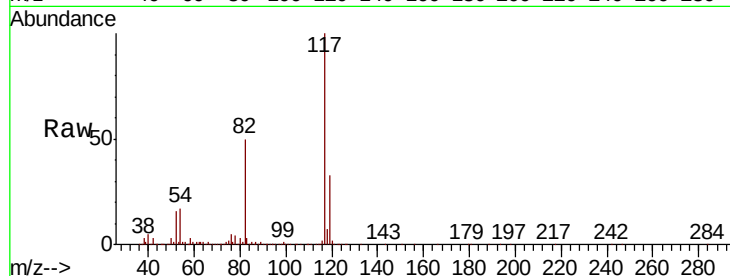
Time-->



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006706.D
Acq: 21 Dec 2018 05:35

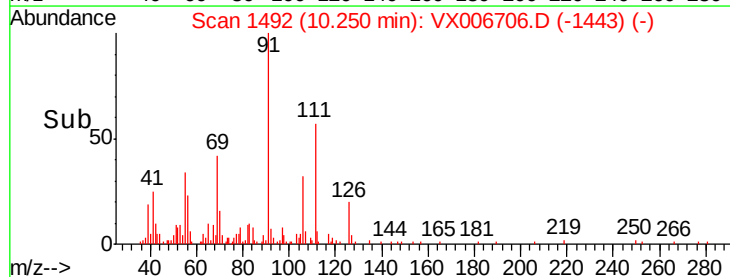
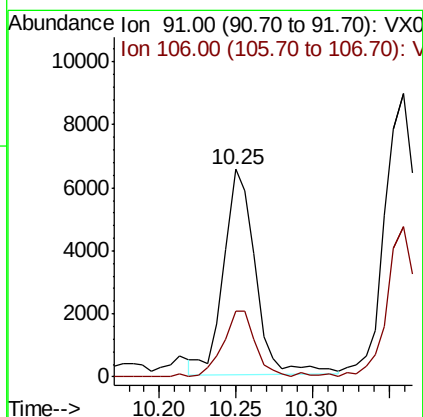
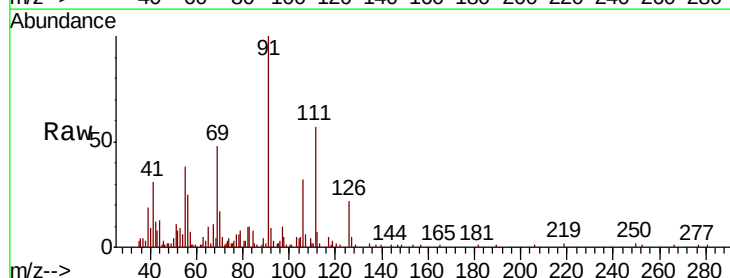
Instrument :
MSVOA_X
ClientSampled :

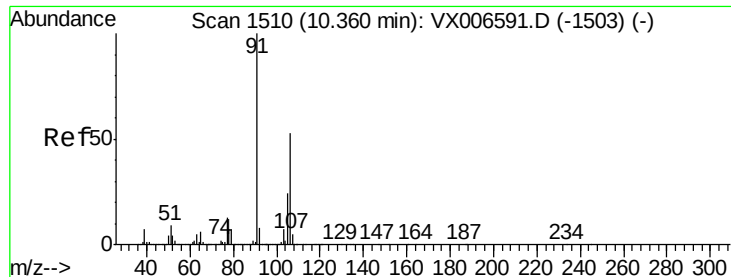
Tot Ion	Ratio	Lower	Upper
117	100		
82	50.0	41.0	61.6
119	32.5	25.4	38.0



#67
Ethyl Benzene
Concen: 0.287 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX006706.D
Acq: 21 Dec 2018 05:35

Tgt Ion	Ratio	Lower	Upper
91	100		
106	33.0	26.4	39.6

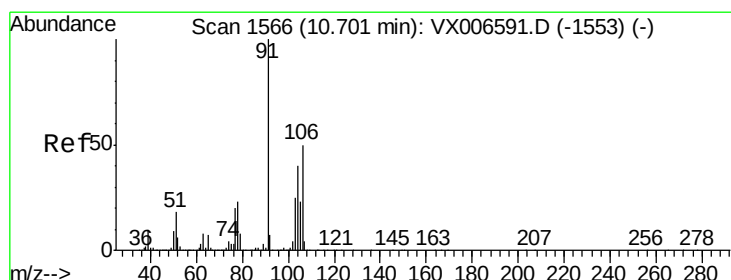
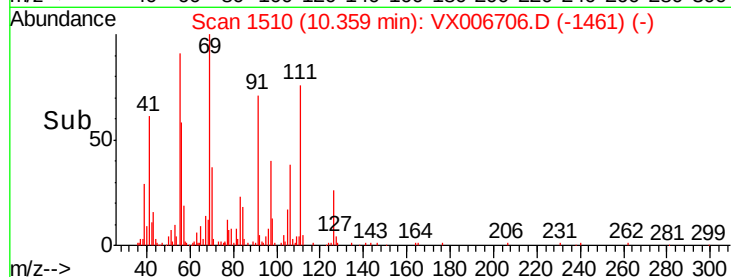
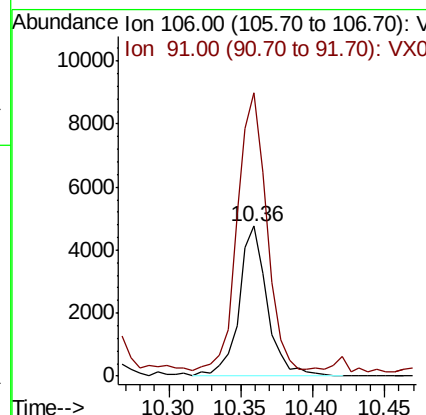
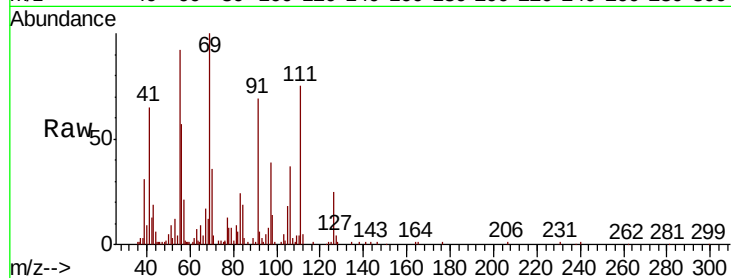




#68
m/p-Xylenes
Concen: 0.504 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006706.D
Acq: 21 Dec 2018 05:35

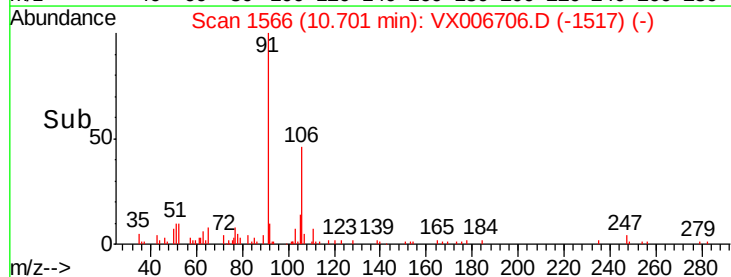
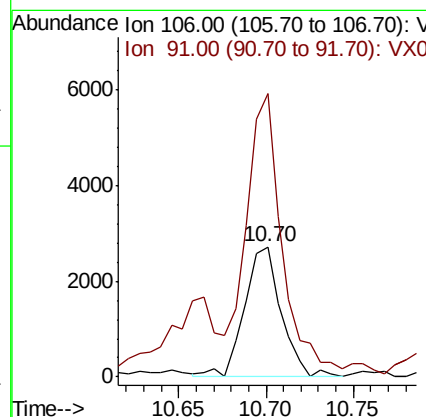
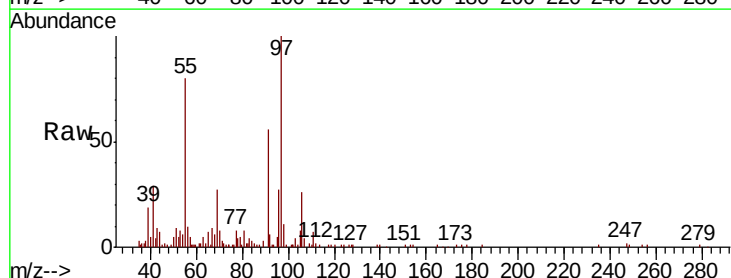
Instrument :
MSVOA_X
ClientSampled :

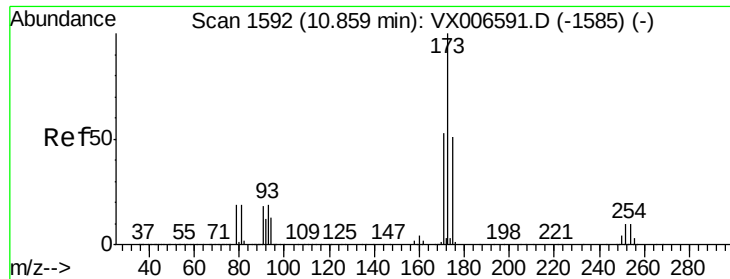
Tot Ion:106 Resp: 6517
Ion Ratio Lower Upper
106 100
91 196.6 155.8 233.6



#69
o-Xylene
Concen: 0.310 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006706.D
Acq: 21 Dec 2018 05:35

Tgt Ion:106 Resp: 3962
Ion Ratio Lower Upper
106 100
91 197.3 101.3 303.7





#71

Bromoform

Concen: 4.477 ug/l

RT: 10.77 min Scan# 1577

Delta R.T. -0.09 min

Lab File: VX006706.D

Acq: 21 Dec 2018 05:35

Instrument :

MSVOA_X

ClientSampleId :

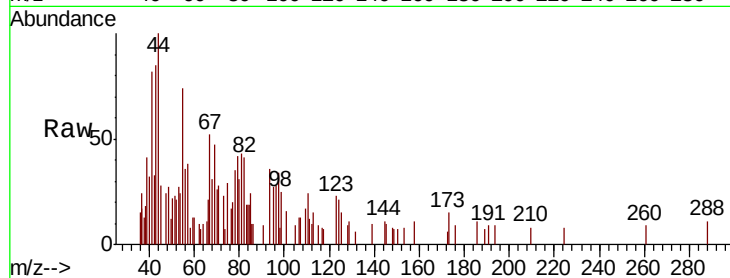
Tot Ion:173 Resp: 104

Ion Ratio Lower Upper

173 100

175 0.0 24.7 74.1#

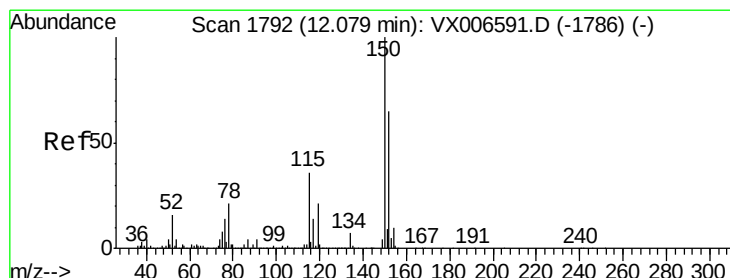
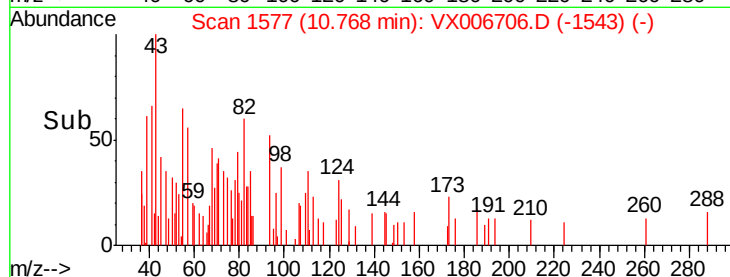
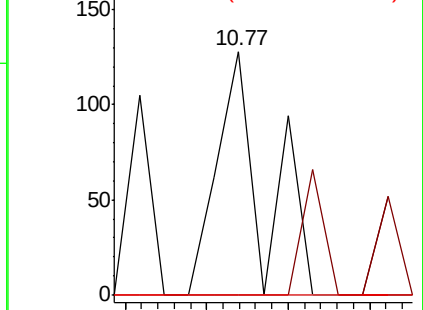
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006706.D

Acq: 21 Dec 2018 05:35

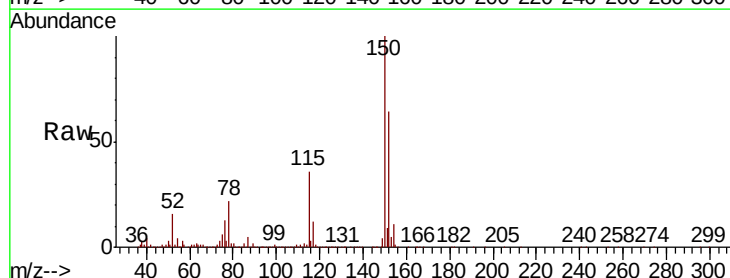
Tgt Ion:152 Resp: 459134

Ion Ratio Lower Upper

152 100

115 56.3 39.1 117.2

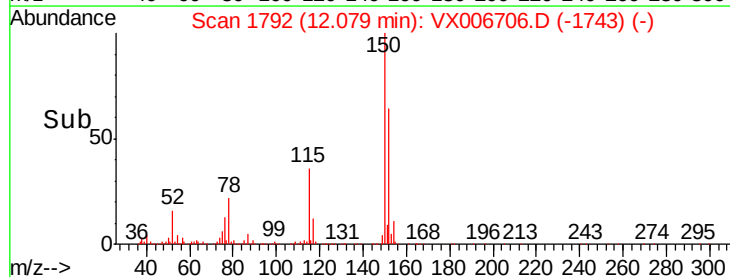
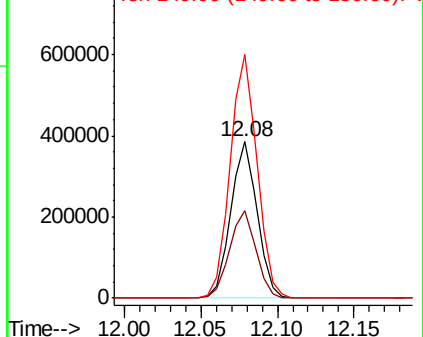
150 158.5 0.0 344.8

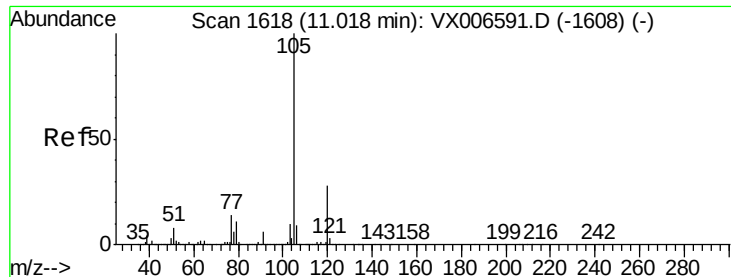


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.507 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006706.D

Acq: 21 Dec 2018 05:35

Instrument :

MSVOA_X

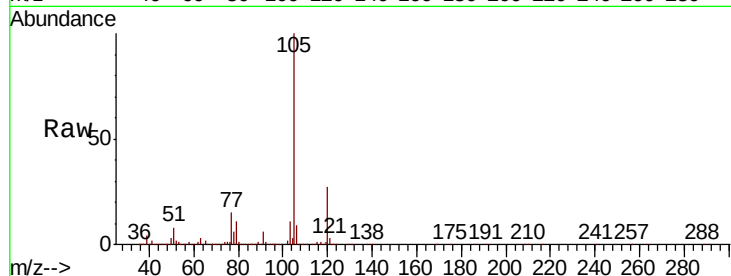
ClientSampleId :

Tot Ion:105 Resp: 581305

Ion Ratio Lower Upper

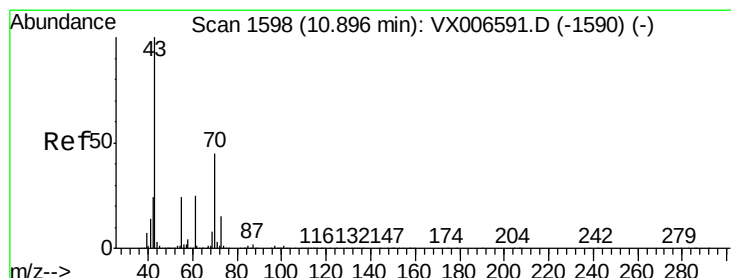
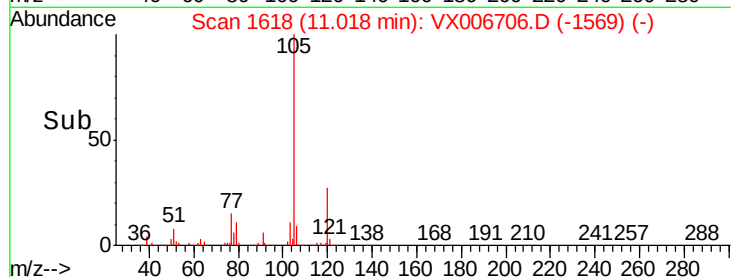
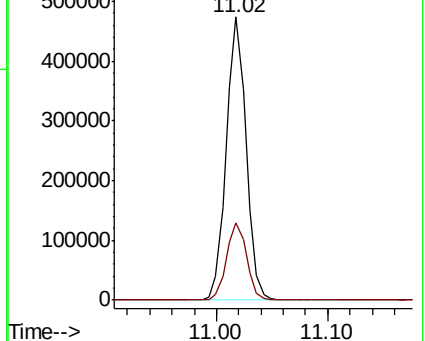
105 100

120 27.8 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.738 ug/l

RT: 10.92 min Scan# 1602

Delta R.T. 0.02 min

Lab File: VX006706.D

Acq: 21 Dec 2018 05:35

Tgt Ion: 43 Resp: 8300

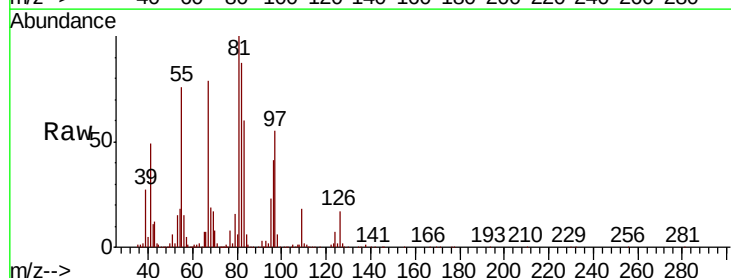
Ion Ratio Lower Upper

43 100

70 66.0 35.8 53.8#

55 746.3 19.4 29.0#

61 0.0 20.1 30.1#

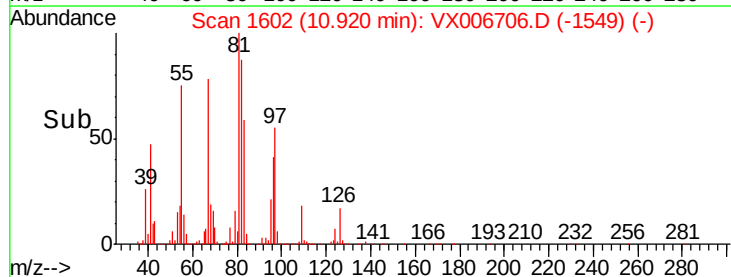
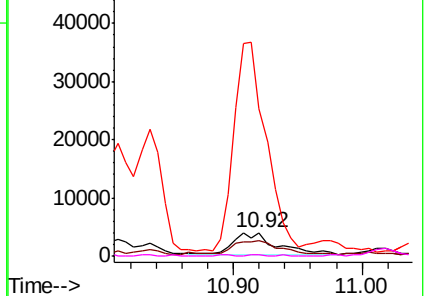


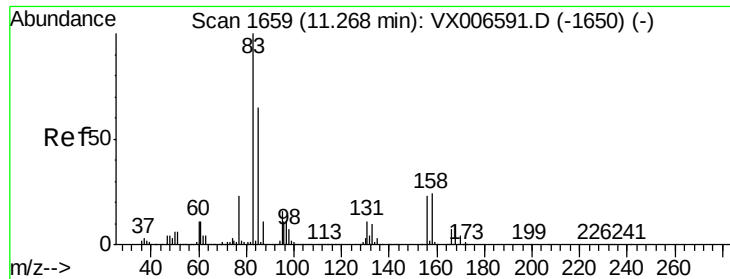
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 1.088 ug/l

RT: 11.28 min Scan# 1661

Delta R.T. 0.01 min

Lab File: VX006706.D

Acq: 21 Dec 2018 05:35

Instrument :

MSVOA_X

ClientSampleId :

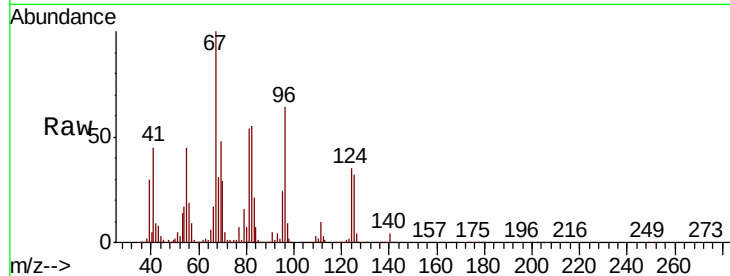
Tot Ion: 83 Resp: 10159

Ion Ratio Lower Upper

83 100

131 0.0 5.7 17.1#

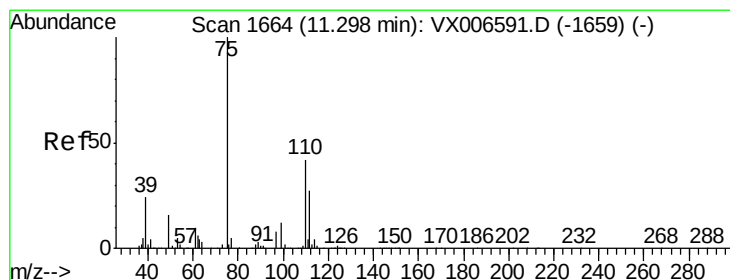
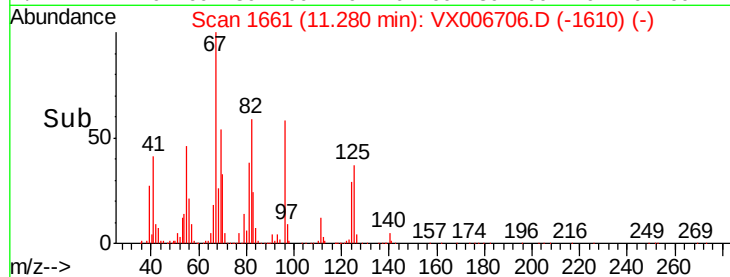
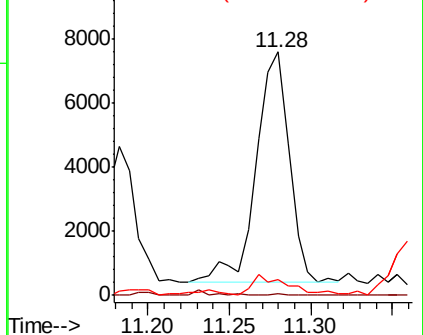
85 9.9 32.2 96.6#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 1.273 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.06 min

Lab File: VX006706.D

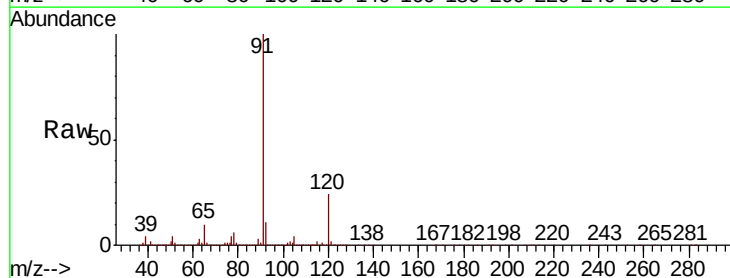
Acq: 21 Dec 2018 05:35

Tgt Ion: 75 Resp: 10864

Ion Ratio Lower Upper

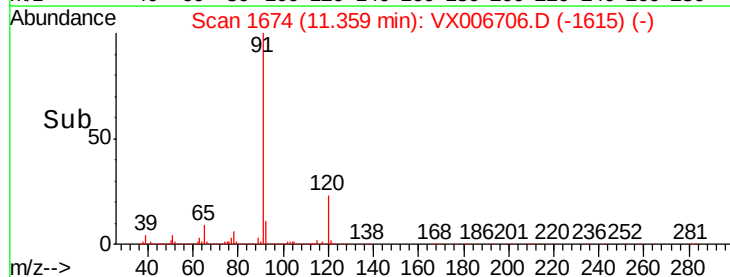
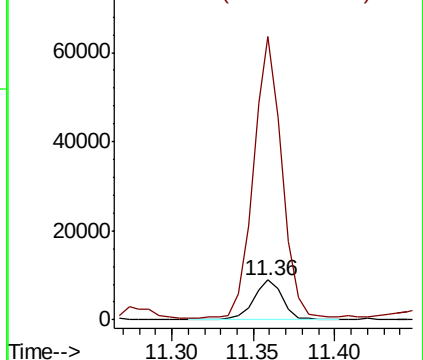
75 100

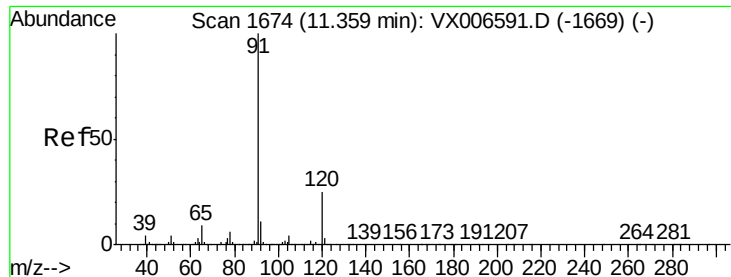
77 703.3 18.5 55.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 57.369 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006706.D

Acq: 21 Dec 2018 05:35

Instrument :

MSVOA_X

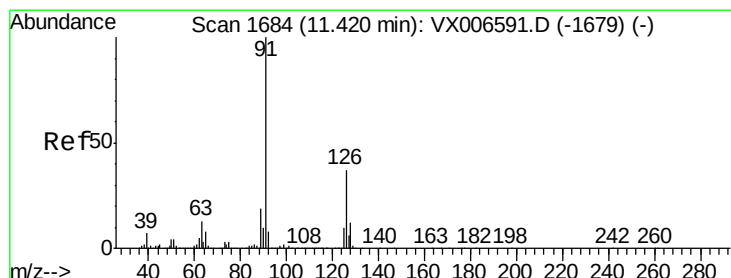
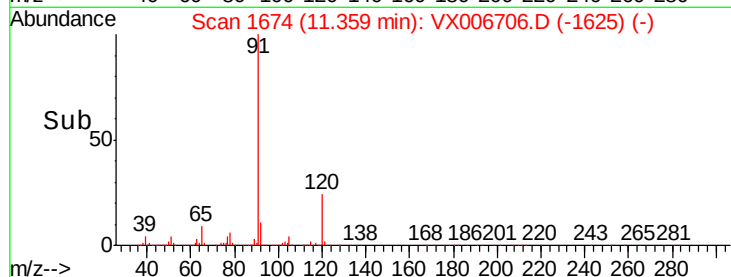
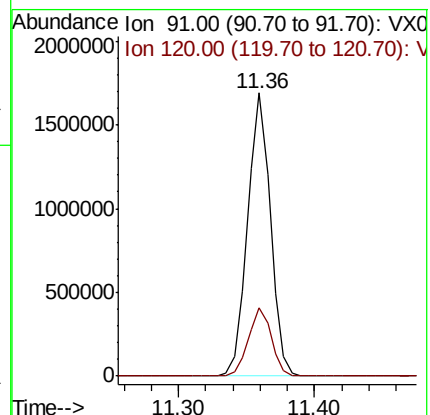
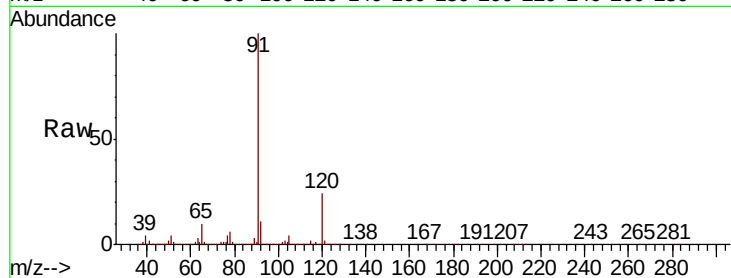
ClientSampleId :

Tot Ion: 91 Resp: 1984349

Ion Ratio Lower Upper

91 100

120 24.4 12.7 38.0



#79

2-Chlorotoluene

Concen: 94.667 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.06 min

Lab File: VX006706.D

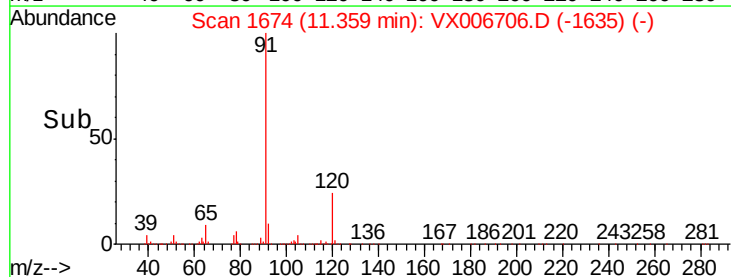
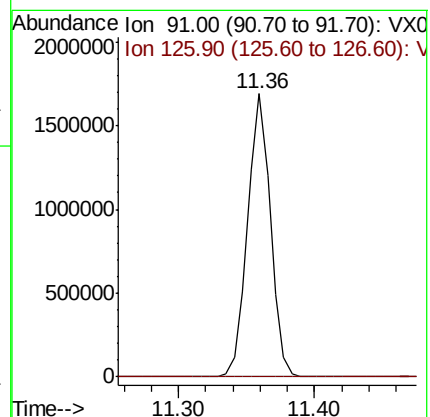
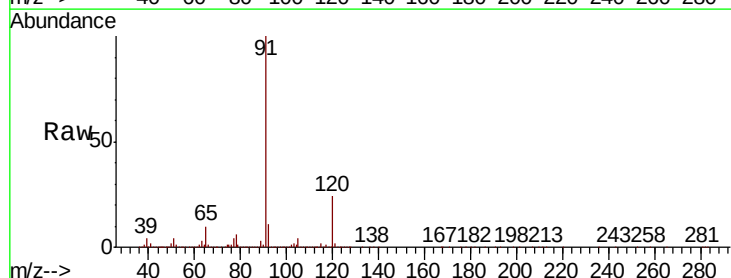
Acq: 21 Dec 2018 05:35

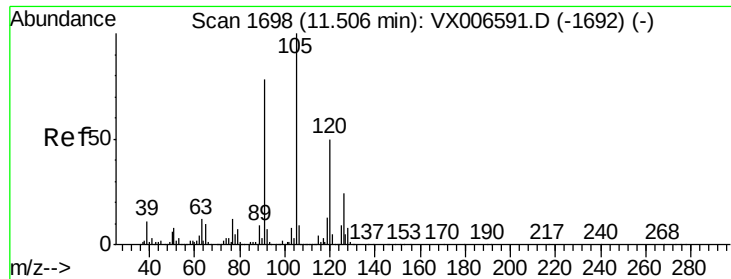
Tgt Ion: 91 Resp: 1984349

Ion Ratio Lower Upper

91 100

126 0.0 18.6 56.0#

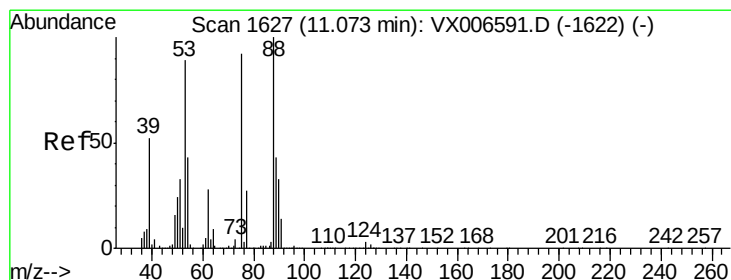
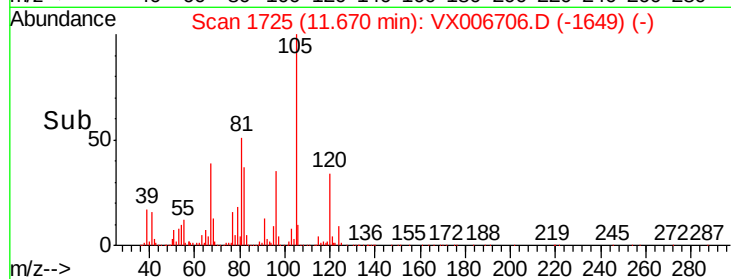
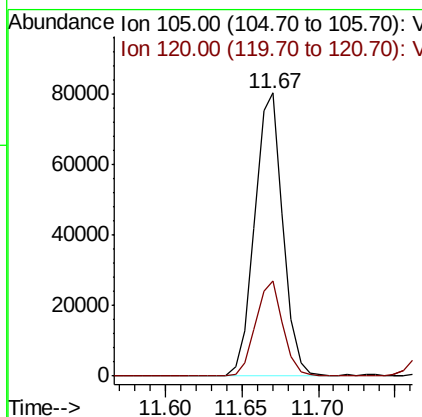
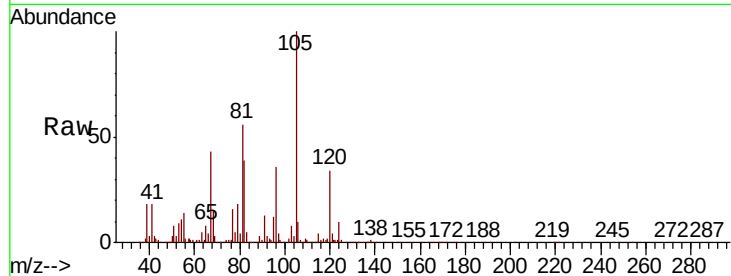




#80
 1,3,5-Trimethylbenzene
 Concen: 3.962 ug/l
 RT: 11.67 min Scan# 1725
 Delta R.T. 0.16 min
 Lab File: VX006706.D
 Acq: 21 Dec 2018 05:35

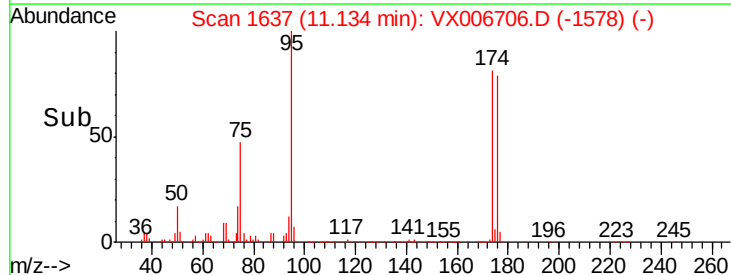
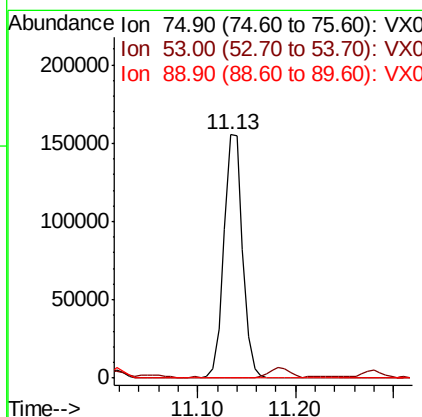
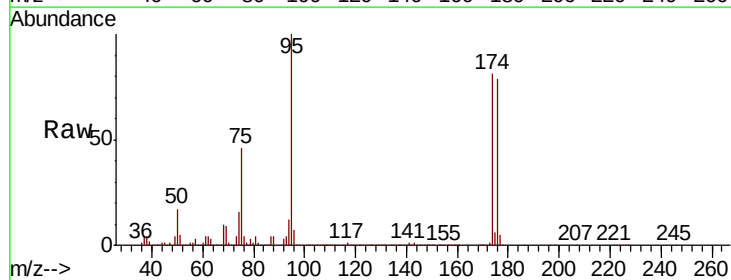
Instrument :
 MSVOA_X
 ClientSampled :

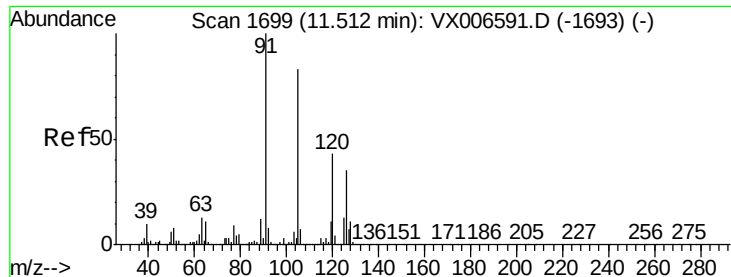
Tot Ion:105 Resp: 102491
 Ion Ratio Lower Upper
 105 100
 120 33.0 25.1 75.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.601 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX006706.D
 Acq: 21 Dec 2018 05:35

Tgt Ion: 75 Resp: 206353
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.7 119.5#
 89 0.0 38.0 57.0#





#82

4-Chlorotoluene

Concen: 82.530 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.15 min

Lab File: VX006706.D

Acq: 21 Dec 2018 05:35

Instrument :

MSVOA_X

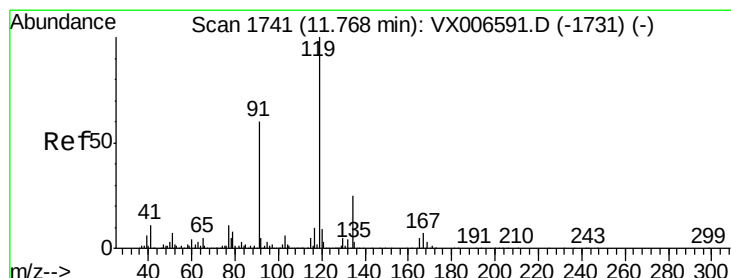
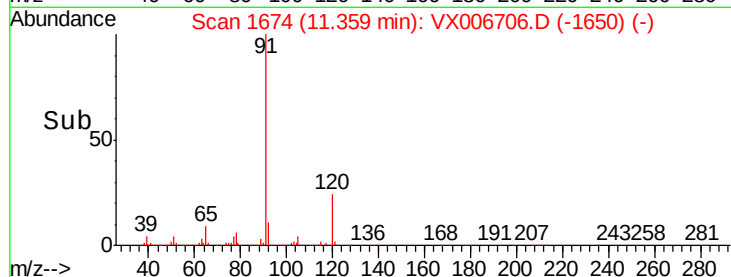
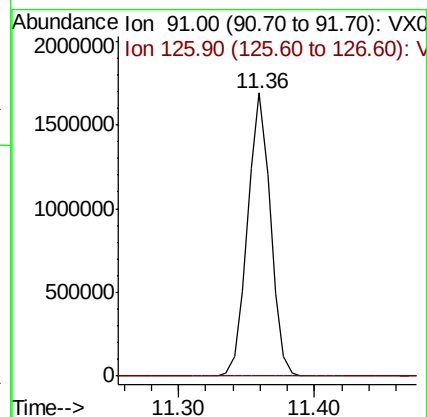
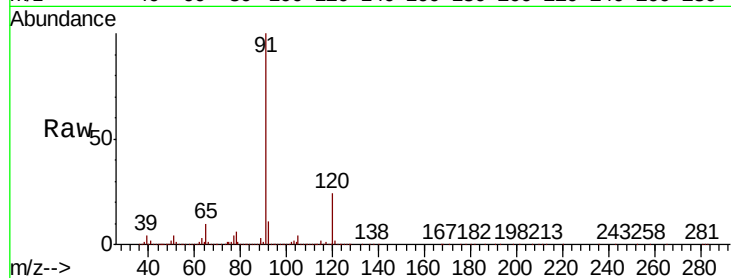
ClientSampleId :

Tot Ion: 91 Resp: 1984349

Ion Ratio Lower Upper

91 100

126 0.0 16.3 48.9#



#83

tert-Butylbenzene

Concen: 2.952 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX006706.D

Acq: 21 Dec 2018 05:35

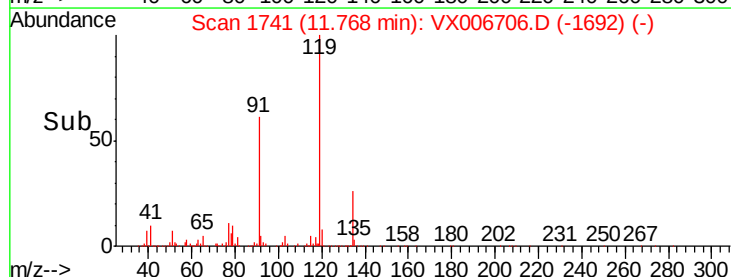
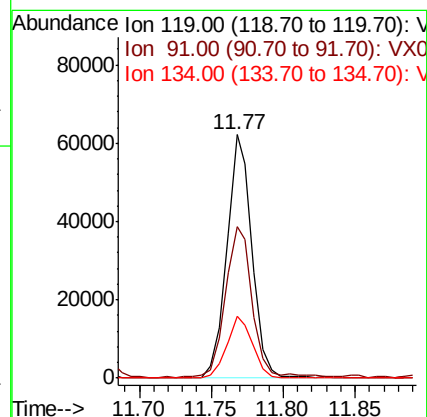
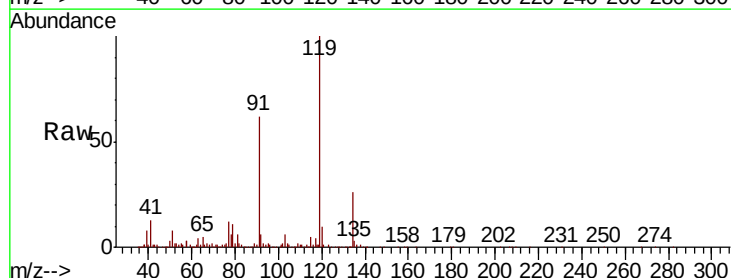
Tgt Ion: 119 Resp: 76429

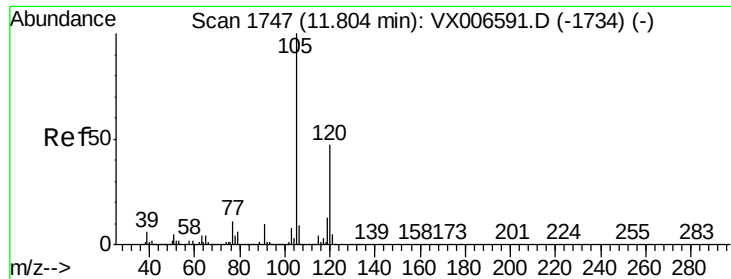
Ion Ratio Lower Upper

119 100

91 66.4 27.7 83.1

134 26.0 11.9 35.5





#84

1,2,4-Trimethylbenzene

Concen: 3.766 ug/l

RT: 11.67 min Scan# 1725

Delta R.T. -0.13 min

Lab File: VX006706.D

Acq: 21 Dec 2018 05:35

Instrument :

MSVOA_X

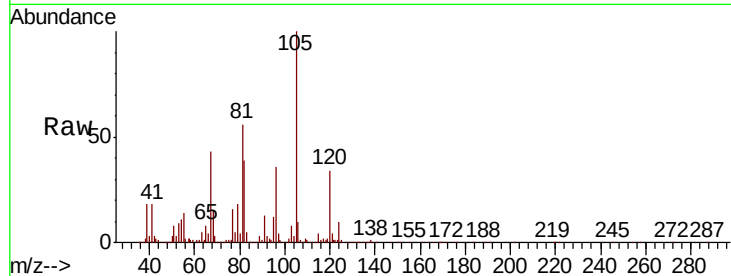
ClientSampleId :

Tot Ion:105 Resp: 102491

Ion Ratio Lower Upper

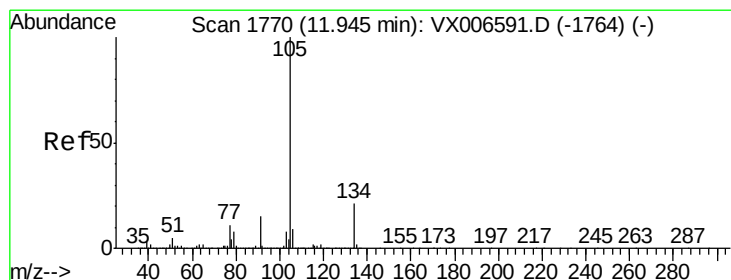
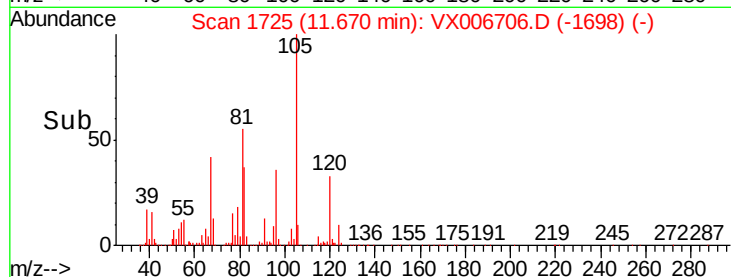
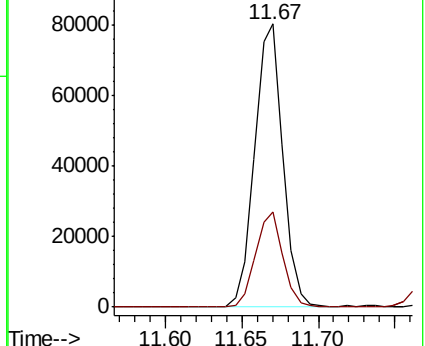
105 100

120 33.0 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 19.750 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006706.D

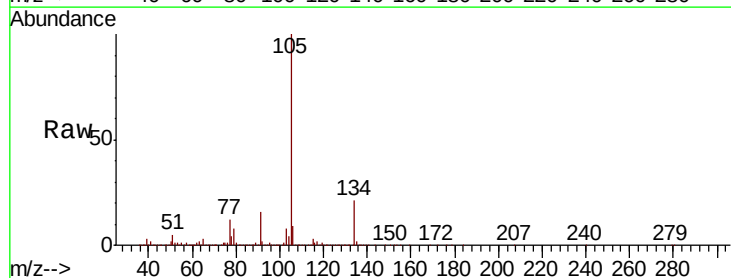
Acq: 21 Dec 2018 05:35

Tgt Ion:105 Resp: 627005

Ion Ratio Lower Upper

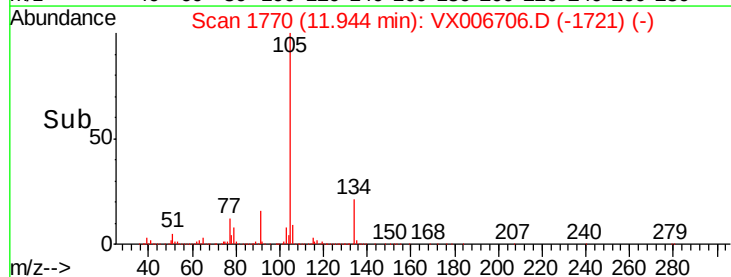
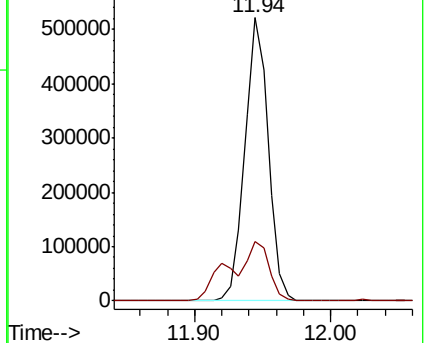
105 100

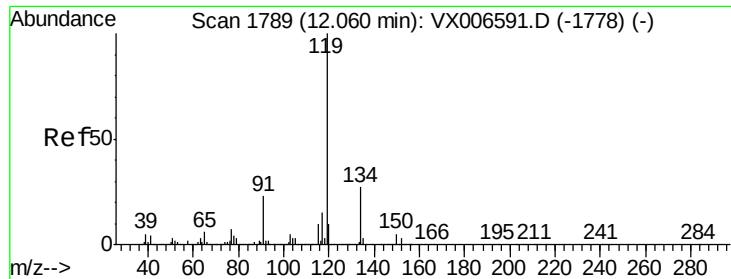
134 20.0 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





#86

p-Isopropyltoluene

Concen: 7.028 ug/l

RT: 12.23 min Scan# 1817

Delta R.T. 0.17 min

Lab File: VX006706.D

Acq: 21 Dec 2018 05:35

Instrument :

MSVOA_X

ClientSampled :

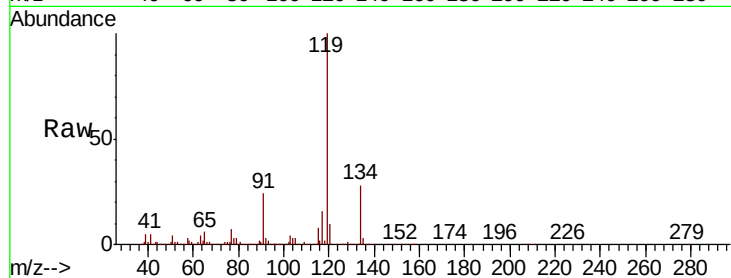
Tot Ion:119 Resp: 196136

Ion Ratio Lower Upper

119 100

134 28.9 14.0 41.9

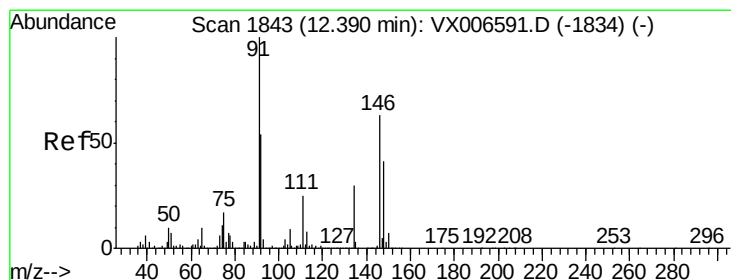
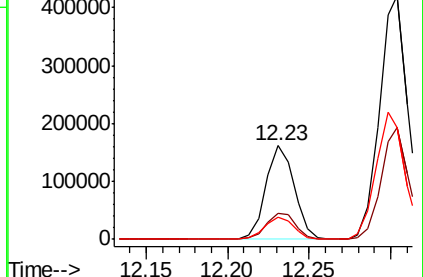
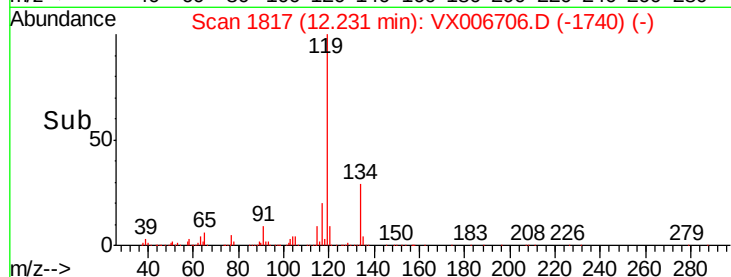
91 24.0 11.3 33.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#89

n-Butylbenzene

Concen: 17.248 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006706.D

Acq: 21 Dec 2018 05:35

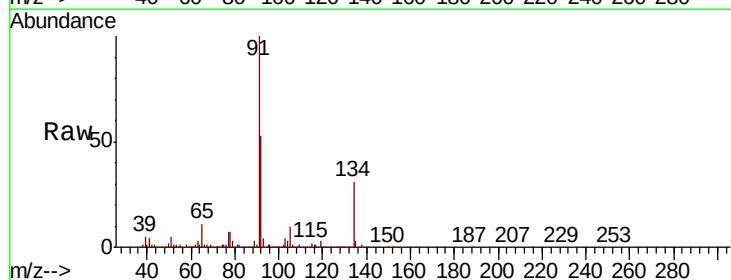
Tgt Ion: 91 Resp: 409629

Ion Ratio Lower Upper

91 100

92 47.2 26.8 80.4

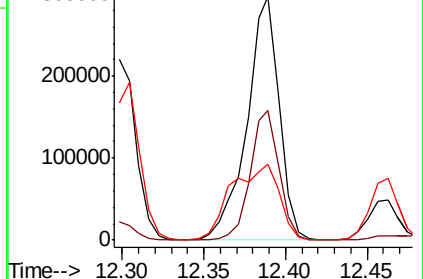
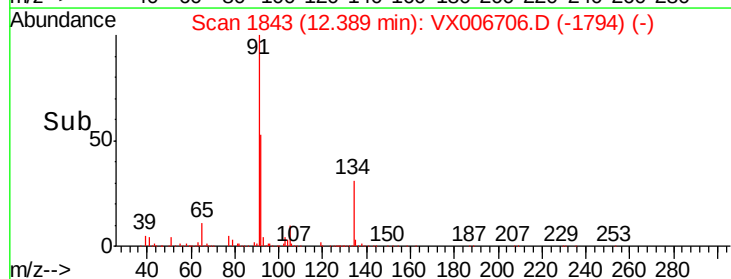
134 46.1 14.4 43.2#

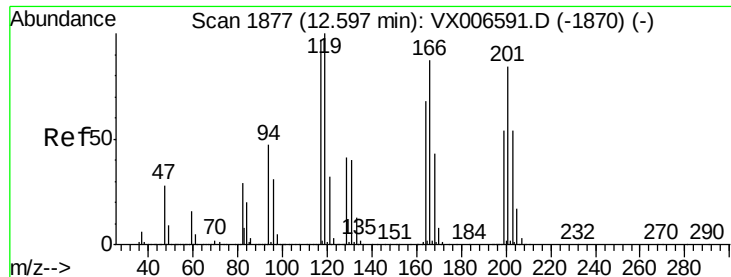


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 18.333 ug/l

RT: 12.67 min Scan# 1889

Delta R.T. 0.07 min

Lab File: VX006706.D

Acq: 21 Dec 2018 05:35

Instrument :

MSVOA_X

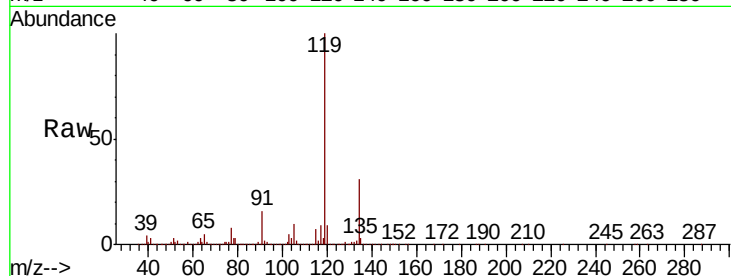
ClientSampleId :

Tot Ion:117 Resp: 70317

Ion Ratio Lower Upper

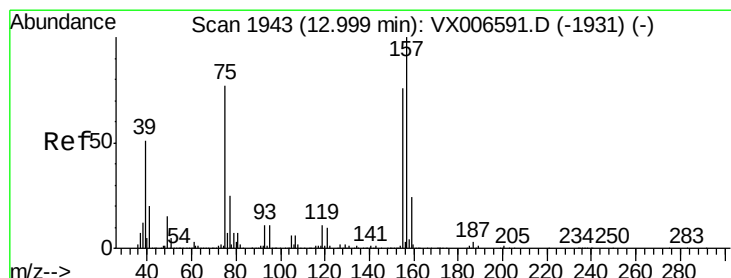
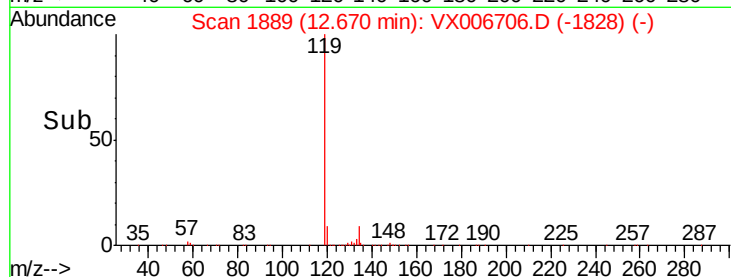
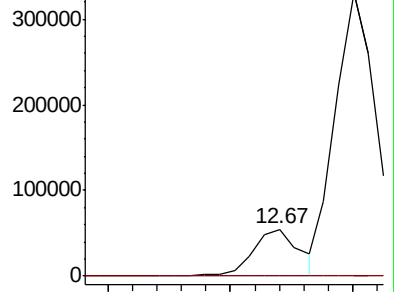
117 100

201 0.0 42.9 128.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.697 ug/l

RT: 12.97 min Scan# 1939

Delta R.T. -0.02 min

Lab File: VX006706.D

Acq: 21 Dec 2018 05:35

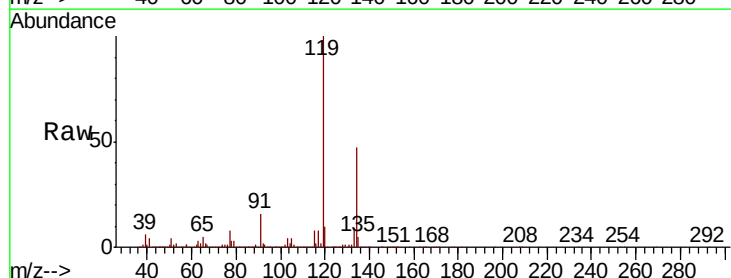
Tgt Ion: 75 Resp: 9078

Ion Ratio Lower Upper

75 100

155 1.6 50.6 151.8#

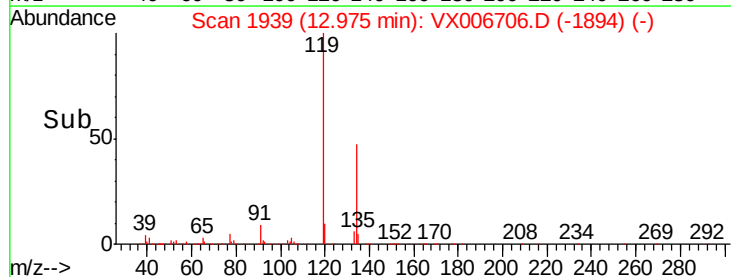
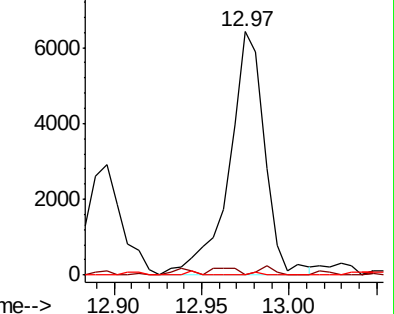
157 0.3 64.6 193.8#

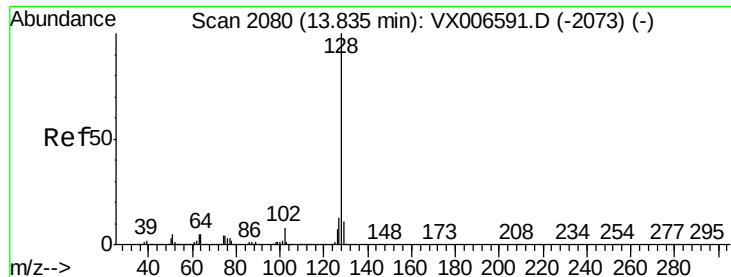


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95
Naphthalene
Concen: 0.598 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX006706.D
Acq: 21 Dec 2018 05:35

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.6	10.1	15.1
129	26.6	8.6	13.0

